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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय
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कलकत्ता, दिनांक 8 मार्च 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसकी शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परले (प.),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वमन तथा दीव एवं
दावर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
मरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्री एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600 002.

आन्ध्र प्रदेश, कर्नाटक, केरल तमिलनाडू
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिदिव द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अर्पित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपररक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD-
OFFICE
234/4, ACHARYA JAGADISH BOSE ROAD.
CALCUTTA-20

The dates shown in the crescent bracket are the dates claimed
under section 135 of the patent Act, 1970.

08-11-1996

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- 1956/Cal/96 : Fred. Olsen "Wave dampener for floating structures" (Convention No. 954946 on 06-12-95 & 962441 on 10-06-1996 in Norway).
- 1957/Cal/96 : R.J. Reynolds Tobacco Company, "Smoking article and method of making same" (Convention No. 08/567, 392 on 01-12-95 in USA.)
- 1958/Cal/96 : Syquest Technology Inc., "Removable cartridge disk drive with angularly inserted cartridges and the ability to identify the data sector during which an error condition arose" (Convention No. 60/006, 635 pm 13th November, 1995 & 08/615, 095 on 13th March 1996 in US.)
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- 1964/Cal/96 (1) Siemens Aktiengesellschaft (2) Thyssen Guss Aktiengesellschaft, "Method for removing tin".
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- 715/Del/96 Dr. Sujoy Kumar Guha, "New Delhi", "Noninvasive Anorectal Manometer".
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- 718/Del/96 Dr. Sujoy Kumar Guha, "New Delhi, " Copper T insertion facilitator inbuilt into packaging."
- 719/Del/96 The Procter & Gamble Company, "U.S.A." "Localized application of fine denier fibers on to a spunbonded web for optimization of leg cuff hydrophobicity in diapers and pads." (Convention date 5th April, 1995)—U.S.A.
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- 721/Del/96 Imperial Chemical Industries Plc, U.K., "surfactant compositions," (Conventional date 4th April, 1959 and 27th February; 1996) U.K.
- 722/Del/96 Laboratories Almirall, S.A., Spain, "New Ethanolaminic Derivatives." (Convention Date 3rd April, 1995)—Spain.
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- 724/Del/96 Centaur Pharmaceuticals Inc. U.S.A., "Benzamides for Neurodegenerative disorder treatment" (Convention date 3rd April, 1995, 3rd April, 1995, 3rd April, 1995 and 3rd April, 1995)—U.S.A.
- 725/Del/96 Sofmap Future Design Co, Ltd. Japan, "Data Processing System and Method and Computer Program Architecture." (Convention date 7th April, 1995, and 6th June, 1995—Japan," 5th October, 1995)—U.S.A.

- 726/DEL/96 Sofmap Future Design Co. Ltd, Japan, "Data Processing Device and Scrolling Method. (Convention date 7th April, 1995 and 6th June 1995)—Japan."
- 727/DEL/96 Matsushita Electric Industrial Co. Limited Japan, "Optical Information recording medium, Manufacturing method therefor Manufacturing Apparatus therefor and optical Information recording and reproducing apparatus." (Convention date 7th April, 1995 and 23rd August 1995)—Japan."
03-04-96.
- 728/DEL/96 Attexor Equipments S.A. Switzerland, "Method and apparatus for carrying out an operation on a Mechanical workpiece." (Convention Date 3rd April, 1995)—Sweden
- 729/DEL/96 Timothy L. Strunk, "U.S.A., Two Phase inverter for a Three Phase Motor".
- 730/DEL/96 Ambika Prasad and Trinlira, "New Delhi", "Magneto-Recharger of Bio-Cells Device for Promotion of Health".
- 731/DEL/96 Aqualon Company, "U.S.A., Assolative Thickeners," (Convention Date 5th April, 1995)—U.S.A.
- 732/DEL/96 B.P. Chemicals Limited, England "Polyolefin Diols." (Convention Date 10th April, 1995)—U.K.
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- 734/DEL/96 BP Chemicals Limited, "England, Substituted Acylatin Agents". (Convention date 7th April, 1995)—U.K.
- 735/DEL/96 Hauni Maschinenbau A.G., Germany, "Method of and Apparatus for Ascertaining the Mass of Rod-Shaped Articles of the Tobacco processing Industry." (Convention date 7th April, 1995 and 29th November, 1995) Germany."
- 736/DEL/96 Hauni Maschinenbau AG., Germany, "Method of and Apparatus for Processing Exhausted Air in Tobacco Processing Plants", (Convention date 22nd April, 1995) Germany."
- 737/DEL/96 Rhone-Poulenc chimie, France, "Aqueous Suspension of Silica and of Aluminium Sulphate or of Alum, Processes for the Preparation and Uses of the said Suspension." (Convention date 3rd April, 1995)—France.
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- 739/DEL/96 General Electric Company. "U.S.A., Very Low Leakage Inductance, Single-Leminate Transformer." (Convention date 30th May, 1995)—U.S.A.
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- 744/DEL/96 Sony Corporation, "Japan, Optical disk apparatus". (Convention date 6th April, 1995 and 13th March, 1996)—Japan.
- 745/DEL/96 Basf Lackl Farben, Germany, "Aduedus Dispersions of Transparent Powder Coating" (Convention date 10th April, 1995) U.S.A.
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- 747/DEL/96 Marvel Corporation Pty Limited, Australia "Audio/Visual marketing device," (Convention date 6th April, 1995)—Australia.
4-04-96.
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- 749/DEL/96 I.M.A., Industria Macchine Automatiche S.P.A., Italy, "A Method of pleating and folding an elongatedly shaped tubular blank of filter paper containing measured and separate quantities of an Infashionable substance, So as to obtain a filter bag comprising two envelopes. (Convention date 4th April, 1995)—Italy".
- 750/DEL/95 I.M.A. Industria Macchine Automatiche S.P.A., Italy". A Machine for the manufacture of filter bag3 containing an infusionable substance and furnished with a finger tab lable attached to the bag by an interconnecting thread also the relative filter bag." (Convention Date 4th April, 1995)—Italy.
- 751/DEL/96 Steel Authority of India Limited, "Research & Development Centre for Iron & Steel, "A Govt. of India, Enterprise" New Delhi. "A continuously operable self-sustained plant for High-Pressure Sintering of manganese ores on an Industrial Scale."
8-4-1996
- 752/DEL/96 Trevor Franklin, Australia, "A Method and apparatus for Treating a Video Signal" (Convention Date 7th April, 21st April, 1995, 14th Sep, 1995 and 25th October, 1995), Australia.
- 753/DEL/96 Daicel Chemical Industries, Ltd, Japan. "Barrier composite films and a Method for producing the same" (Convention Date 11th April, 1995) Japan,
- 754/DEL/96 Boehringer Ingelheim Kg, Germany. "New Arylgly cineamide derivatives, processes for the Manufacture thereof and Pharmaceutical Compositions containing these compounds" (Convention Date 14-4-1995 and 25-5-1995) Germany.

- 755/Del/96 Focas Limited, England. "An apparatus for wrapping fibre optic cable around an overhead line" (Convention Date 11th April, 1995) U.K.
- 756/Del/96 Barry George Blundell, New Zealand. "Improvements in a three dimensional display system" (Convention Date 6th April, 1995), New-Zealand.
- 757/Del/96 DIPL, Ins. Wolfgang Priesemuth, Germany. "Multi-Function switch, in particular a Mirror Adjusting switch for a motor Vehicle" (Convention Date 20th April, 1995) Germany.
- 758/Del/96 Voest Alpine Industrienanlagenbau Gmbh, Austria. "Plant and Process for the Production of Iron Melts" (Convention Date 10th April, 1995) Austria.
- 759/Del/96 Prof. Dr. Kailash Kumar Gauri, Germany. "Method for recording of Biological Action Potentials using visual Accommodation Test (Visa Test), its Application in Characterising Macro and Micro-Molecules, its application as Diagnostic Tool for Metabolic Diseases and in designing Foods and Drugs".
9-4-1996
- 760/Del/96 Matsushita Electric Industrial Co. Limited, Japan. "A Method for Managing defects in an Information recording Medium and a device and information recording medium using said method" (Convention Date 21st April, 1995), Japan.
- 761/Del/96 International Business Machines Corporation, U.S.A. "Assembly for Mounting Components to Flexible Cables". (Convention Date 5th Sep., 1995) U.S.A.
- 762/Del/96 Goglu Luigi Milano SpA, Italy. "Container with Filling Spout,, particularly for aseptic packaging systems and relative manufacturing Method".
- 763/Del/96 Kabushiki Kaisha Toshiba, Japan. "Method of processing data for generating error correcting product code block and Method of Processing data for recording such data on recording medium as well as apparatus for processing such data" (Convention date 12th April, 1995) Japan.
- 764/Del/96 The Procter & Gamble Company, U.S.A. "Process for making soft creped tissue paper and product therefrom" (Convention Date 19th April, 1995) U.S.A.
- 765/Del/96 The Procter & Gamble Company, U.S.A. "Nonaqueous particulate-Containing Liquid Detergent Compositions" (Convention Date 19th April, 1995) U.K.
- 766/Del/96 "The Procter & Gamble Company, U.S.A. "Cleansing Emulsions" (Convention Date 12th April, 1995) U.S.A.
- 767/Del/96 Warner-Lambert Company, U.S.A. "Isothiazolones" (Convention Date 31st May, 1995), U.S.A.
- 768/Del/96 Ciba-Geigy AG, Switzerland. "Herbicide Composition and Method of Weed Control" (Convention Date 12th April, 1995) Switzerland.
- 769/Del/96 Rhone-Poulenc Chimie, France. "Process for the Adsorption of Chelated Organometallic Compounds and Alumina Beads including a Chelated Organometallic Compound" (Convention Date 10th April, 1995) France.
- 770/Del/96 Sankar Dasgupta, Canada. "Rechargeable Non-Aqueous Lithium Battery having Stacked Electro-Chemical Cells" (Convention Date 14th April, 1995) U.S.A.
- 771/Del/96 Pfizer Research and Development Company, Ireland. "An Antithrombotic Amidinoterahydropyridylalanine Derivatives" (Convention Date 28th April, 1995) U.K.
- 10-4-1996
- 772/Del/96 LG. Electronics Inc. Korea. "Fluorescent Film Structure of Color Braun Tube" (Convention Date 17th April, 1995) Korea.
- 773/Del/96 LG. Electronics Inc. Korea. "Process for Manufacturing Fluorescent Film of Color Braun Tube" (Convention Date 17th April, 1995) Korea.
- 774/Del/96 The Procter & Gamble Company, U.S.A. "Process for Producing Granular Detergent Components or Compositions" (Convention Date 27th April, 1995) U.K.
- 775/Del/96 The Procter & Gamble Company, U.S.A. "Process for Producing Granular Detergent Components or Composition" (Convention Date 27th April, 1995) U.K.
- 776/Del/96 Carrier Corporation. U.S.A. "Twin Cylinder Rotary Compressor" (Convention Date 4th May, 1995) U.S.A.
- 777/Del/96 Eastman Chemical Company, U.S.A. "Water-borne Coating Composition" (Convention Date 12th April, 1995) U.S.A.
- 778/Del/96 Eastman Chemical Company, U.S.A. "Water-borne Polymers having pendant Allyl Groups" (Convention Date 12th April, 1995) U.S.A.
- 779/Del/96 Sanofi, France. "Substituted 1-Phen.1-3-Pyrazolecarboxamides Active on Neurotensin Receptors, their Preparation and Pharmaceutical Compositions Containing them" (Convention Date 11th April, 1995) France.
- 780/Del/96 Corning Incorporated, U.S.A. "Dispersion Managed Optical Waveguide" (Convention Date 13-4-1995 and 11-1-1990) U.S.A.
- 731/Del/96 Aerojet General Corporation, U.S.A. "Fuel Cells Employing Integrated Fluid Management PLA Telet Technology".
11-4-1996
- 782/Del/96 Suneeta Khanna, U.P. "Bakelite Bulb Holder Brass Ring".
- 783/Del/96 International Business Machines Corporation, "A Method of Manufacturing A Heterojunction Structure Device Comprising the Steps of" (Convention Date 16th August, 1939) U.K.
- 784/Del/96 Ipsen Industries International Gmbh, Germany. "Method and Device for Controlling the Co Contents of a Furnace Atmosphere for Car-

- burization and Carbonitriding of Metallic Work Pieces" (Convention Date 22nd April, 1995) Germany.
- 785/Del/96 Basf Lacke Farben, Germany. "Wire Enamel Formulation with Internal Lubricant" (Convention Date 26th April, 1995) Germany.
- 786/Del/96 ES-Cube Laboratories, Dehra Dun U.P. "Hair Treating Composition and A Process for Preparing the Same".
12-4-1996
- 787/Del/96 Ravindra V. Tilak, U.S.A. "Molten Aluminium Refining Apparatus".
- 788/Del/96 Ravindra V. Tilak, USA "Reversing Rotor Molten Aluminium Refining Method".
- 789/Del/96 Kabushiki Kaisha Toshiba, Japan. "Optical Disk Having an Evaluation Pattern for Evaluating the Optical Disk" (Convention Date 14 April, 1995), Japan.
- 790/Del/96 The Chief Controller, New Delhi, "An improved Modular Shelter-Dight Hutt".
- 791/Del/96 Panacea Biotec Ltd., New Delhi. "Antispasmodic Anti Inflammatory Composition and a Process for the Manufacture Thereof".
- 792/Del/96 Panacea Biotec Ltd., New Delhi. "Antispasmodic Anti Inflammatory Composition and A Process for the Manufacture Thereof".
- 793/Del/96 Vax Limited, U.K. "Cleaning Heads and Adaptors for Use Therewith" (Convention Date 16th February, 1996), U.K.
- 794/Del/94 Vax Limited, U.K. "Apparatus for Cleaning Floors, Carpets and the Like" (Convention Date 22nd Feb, 96), U.K.
- 795/Del/96 Marie-francoise Lecomte, France. "Device to Collect and Seal Hospital and Household Refuse".
- 796/Del/96 G.C Tech, France. "Electronic Payment Method Enabling Transactions to be Carried out Relating to the Purchase of Goods on A Computer Network." (Convention Date 14th April, 1995), France.
15-04-96
- 797/Del/96 Dabur Research Foundation, New Delhi. "A Herbal Pharmaceutical Composition and A Process of Preparing THL Same."
- 798/Del/96 M & K Patent Company, "Inc., U.S.A., Enhanced Adsorbent and Room Temperature Catalyst Particle and Method of Making and Using the Refor," (Convention Date 21st April, 1995), U.S.A.
- 799/Del/96 Kabushiki Kaisha Toshiba, Japan, "Information Storage and Information Transmission Media with Patent Control." (Convention Date 14th April, 1995), Japan.
- 800/Del/96 Kabushiki Kaisha Toshiba, Japan, "Recording Medium Apparatus and Method for Recording Date on the Recording Medium, Apparatus and Method for Reproducing Data from the Recording Medium." (Convention Date 14th April, 1995), Japan.
- 801/Del/96 Akash Bartbakur, New Delhi, "A Process for the Manufacture of New Stain Ink Composition for Printing Purposes."
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- 802/Del/96 The Procter & Gamble Company, U.S.A., "Oral Compositions." (Convention Date 28th April, 1995), U.K.
- 803/Del/96 UOP, U.S.A., "CD Aromatics Isomerization Using Catalyst Containing Modified Silicoaluminophosphate Molecular Sieve," (Convention Date 24th April, 1995), U.S.A.
- 804/Del/96 The Procter & Gamble Company, "U.S.A., "Carrier Substrate Treated with High Internal Water Phase Inverse Emulsion made with an Organopolysiloxane-Polyoxyalkylene Emulsifier," (Convention Date 27th April, 1995), U.S.A. -
- 805/Del/96 The Procter & Gamble Company, U.S.A., "Aqueous Detergent Compositions Containing Chelants which remain Undissolved Under Acidic Conditions" (Convention Date 1st May, 1995), U.S.A.
- 806/Del/96 Whirlpool Corporation, U.S.A., "High Performance Washing Process for Vertical Axis Automatic Washer."
- 807/Del/96 Rhone-Poulenc Agrochimic, France, "New Hydroxamic Acid Derivatives," (Convention Date 17th April, 1995 and 31st July, 1995), Japan.
- 808/Del/96 Motorola, Inc., U.S.A., Method and Apparatus for Displaying Information in A Communication System." (Convention Date 25th April, 1995), U.S.A.
- 809/Del/96 Solvay (Societe Anonyme), Belgium, "Process for the Preparation of 1,1-Difluoroethane," (Convention Date 24th April, 1995)—France.
- 810/Del/96 G.L.A.D.S.A., Luxembourg, "Cigarette Filters and the Like."
- 811/Del/96 Rhone-Poulenc Rorer S.A., France, "Process for the Preparation of Streptogramins." (Convention Date 18th April, 1995), France.
- 812/Del/96 Teikoku Printing Inks Mfg. Ltd., and Jushi-insatsusha, Japan, "Method for Providing product having Sucker Layer," (Convention Date 25th April, 1995 and 18th August, 1995), Japan.
- 813/Del/96 Seabulk Systems Inc., Canada, "Materials Handling System."
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- 814/Del/96 Shri Kiran Kirti Chauhan, Chandigarh. "An Electronic Thermofrost Control System for Use in Refrigerators."
- 815/Del/96 J. E. Thomas Specialties Limited, Canada, "Circuitry for Use with Coaxial Cable Distribution Networks," (Convention Date 20th April, 1995), Canada.
- 816/Del/96 Alcan International Limited, Canada, "Reference Electrode," (Convention Date 19th April, 1995), U.K.

- 817/Del/96 Rohm and Hass Company, "U.S.A." Dihydro-pyridazinones and Pyridazinones and their Use as Fungicides and Insecticides." (Convention Date 21st April, 1995), U.S.A.
- 818/Del/96 Norbert Basler, Germany "A Method of Manufacturing A Motor Vehicle."
- 819/Del/96 Pfizer Inc., U.S.A., "Arylsulfonyl Hydroxamic Acid Derivatives."
- 820/Del/96 Colgate-Palmolive Company U.S.A., "Oral Lubricating Composition." (Convention Date 1st May, 1995), U.S.A.
- 821/Del/96 Astra Aktiebolag, Sweden, "A New Combination," (Convention Date 27th April, 1995), Sweden."
- 822/Del/96 Yoshikuni Saito, Japan. "A Medical Hollow Needle and A Method of Producing thereof." (Convention Date 28th April, 1993, 14th June, 1995 and 12th January, 1996), Japan.
- 823/Del/96 Dabur Research "Foundation, New Delhi, "A Poly Herbal Pharmaceutical Composition and A Process of Preparing the same."

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- 824/Del/96 Reseal International Limited Partnership, U.S.A. "Linear Mode Sheath Valve."
- 825/Del/96 Sterling Plumbing Group, Inc., U.S.A., (16th April, 1995). U.S.A.
- 826/Del/96 W.R. Grace & Co. Com., U.S.A., "Water-Soluble Cationic Copolymers and their Use as Flocculants and Drainage Retention Aids." (Convention Date 18th April, 1995, 18th April, 1995, 18th April, 1995 and 18th April, 1995), U.S.A.
- 827/Del/96 Alliedsignal, Inc., U.S.A., "Homogeneous Quench Substrate." (Convention Date 24th April, 1995)—U.S.A
- 828/Del/96 Lenzing Aktiengesellschaft, Austria, "Process for the Production of A Cellulose Suspension." (Convention Date 19th April, 1995)—Austria.
- 829/Del/96 Lenzing Aktiengesellschaft, "Austria," Plant for the Production of Cellulose Films and Fibres, and Integrated Film and Fibre Plant." (Convention Date 19th April, 1995)—Austria.
- 830/Del/96 Motorola, Inc., U.S.A.. "Vibration Reducing Radio Speaker Assembly." (Convention Date 19th May, 1995)—U.S.A.
- 831/Del/96 Lenzing Aktiengesellschaft, Austria, "Device for Keeping and Delivering a Homogeneous Cellulose Suspension." (Convention Date 25th April, 1995)—Austria.
- 832/Del/96 Motorola, Inc., U.S.A., "Advanced Subscriber Outage Notification System and Methods." (Convention Date 12th June, 1995)—U.S.A.
- S33/Del/96 Morton International, Inc., U.S.A., "Latent Mercaptans as Multi-Functional, Additives for Halogen-Containing Polymer Composition;" (Convention Date- 10th May, 1995 and 23rd February, 1996)—U.S.A.

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- 834/Del/96 S. Hunter W. Brooks, and Peter A. Amorello, U.S.A. "Method for (Jo-Refining Dry Urban Wood Chips and Blends of Dry Urban Wood Chips and Thermoplastic Resins for the Production of High Quality Fiberboard Products." (Convention Date 20th April, 1995)—U.S.A
- 835/Del/96 British Aerospace Public limited Company, England, "Aircraft Handling and/or Storage Apparatus." (Convention Date 29th April, 1995)—U.K
- 835/Del/96 Fusion Lighting, Inc., U.S.A., "Compact Microwave Lamp," (Convention Date 21 April, 1995)—U.S.A
- 837/Del/96 Astra Aktiebolag, Sweden, "New Process for The Preparation of Ropivacaine Hydrochloride Monohydrate," (Convention Date 16th May, 1995)—Sweden.
- 838/Del/96 Alcan International Limited, Canada, "Process and Apparatus for Controlling Gravity Settling System." (Convention Date 21st April, 1995) -U.S.A.

- 839/Del/96 Northeastern University, U.S.A. "Helical Turbine Assembly Operable under Multi-directional Fluid flow for Power and Propulsion Systems." (Convention Date 30th May, 1995)—U.S.A.

- 840/Del/96 Boehringer Ingelheim KG, Germany "Use of Agonists for Treating Urinary Incontinence." (Convention Date 20th April, 1995)—Germany.

- 841/Del/96 Zeneca Limited, England, "Quinazoline Derivatives." (Convention Date 27th April, 1995)—U.K.

- 842/Del/96 Bayer Aktiengesellschaft, Germany, "Heteroatom-Containing Benzocyclopentano-Oxazolones." (Convention Date 21st April, 1995 and 27th November, 1995)—Germany."

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- 843/Del/96 Samsonite Corporation, U.S.A., "Luggage with Passageway for Receiving A Supporting Handle." (Convention Date 28th April, 1995)—U.S.A.

- 844/Del/96 Polyplastics Co. Ltd., Japan, "Process for Producing Trioxane," (Convention Date 21st April, 1995), Japan.

- 845/Del/96 ELF Antarfrance, and The Lubrizol Corporation, U.S.A., "Lubricants with Molybdenum Containing Compositions and Methods of Using the same," (Convention Date 26th May 1995)—U.S.A.

- 846/Del/96 Boehringer Ingelheim Pharmaceuticals, Inc., U.S.A., "Modified Anti-Anti-Icam-I Antibodies and their Use in the Treatment of Inflammation," (Convention Date 24th April, 1995)—U.S.A.

- 847/Del/96 Motorola, Inc., U.S.A., "Battery Continuation-Apparatus and Method Thereof," (Convention Date 16th May, 1995)—U.S.A.

- 848/Del/96 Imperial Chemical Industries Plc., U.K., "New Flexible Polyurethane Foams."

- 849/Del/96 Bell Communications Research, Inc, "U.S.A., Personal Location Services Using a Personal Communication Mobility Infrastructure," (Convention Date 22nd December, 1995)—U.S.A.
- 850/Del/96 Toyoda Koki Kabushiki Kaisha, Japan, "Method and Apparatus for Grinding A Workpiece." (Convention Date 25th April, 1995)—Japan.
- 851/Del/96 Voest-Alpine Industrieanlagenbau GMBH, "Austria, Method of Processing Iron-Containing Metallurgical Residual Substances as well as Arrangement for Carrying out said Method." (Convention Date 24th April, 1995)—Austria.
- 23-04-96
- 852/Del/96 Council of Scientific and Industrial Research New Delhi, "A Novel Route to Prepare High Pure Graphite."
- 853/Del/96 Council of Scientific and Industrial Research, New Delhi, "A Process for Utilisation of Red Mud of Bayer's Alumina Process in production of Ferrite Cement Through Down Draft Sintering Technique."
- 854/Del/96 Council of Scientific and Industrial Research, New Delhi, "A Process for the Preparation of Zirconium-containing Crystalline Microporous Molecular Sieve of Mel Type."
- 855/Del/96 Council of Scientific and Industrial Research, New Delhi, "An Improved Process for the Preparation of Sodium Gluconate."
- 856/Del/96 Council of Scientific and Industrial Research-New Delhi, "A Process for the Extraction and, Isolation of Biologically Active Oleanolic Acid from a Rich Natural Source."
- 857/Del/96 Council of Scientific and Industrial Research, New Delhi, "A New Process for the Recovery of Tartaric Acid and Other Products from Tamarind Pulp."
- 858/Del/96 Council of Scientific & Industrial Research, New Delhi, "An improved process for the sulfoxidation of thioethers."
- 859/Del/96 Casio Computer Co. Limited, Japan, "Encrypted program Executing apparatus," (Convention Date 27th April, 1995)—Japan.
- 860/Del/96 Tweco Products, Inc., "U.S.A., Gas Lens Assembly," (Convention Date 23rd April, 1995)—U.S.A.
- 861/Del/96 Motorola Inc., U.S.A., "Method and Apparatus for location finding in a CDMA System," (Convention Date 8th May, 1995)—U.S.A.
- 862/Del/96 Perkins Limited, "U. K. an Internal Combustion Engine including a fuel vaporising Chamber," (Convention Date 28th April, 1995)—U. K.
- 863/Del/96 Andritz Sprout-Bauer, Inc., U.S.A., "Disc Refiner with conical Ribbon Feeder," (Convention Date 3rd May, 1995)—U. S. A.
- 864/Del/96 Motorola Inc., U.S.A., "Method and Apparatus for Timescaling in Communication Products," (Convention Date 26th June, 1995)—U. S. A.
- 865/Del/96 Bayer Aktiengesellschaft, "Germany." Alkyl-Diholagen dph-Enylus Substituted Ketoenols, "(Convention Date 9th May, 1995 and 14th December, 1995)—Germany."
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- 866/Del/96 Uday Gupta, "Delhi", "An Array of Tiles."
- 867/Del/96 Crown International Inc., U.S.A., "Switch-Mode power supply for a bridged linear Amplifier,"
- 868/Del/96 Mitutoyo Corporation, "Japan, Induced Current Position Transducer," (Convention Date 16th May, 1995)—U.S.A.
- 869/Del/96 Motorola, Inc.. U.S.A., "Method and Apparatus for Dielectric Absorption Compensation," (Convention Date 22nd May, 1995)—U.S.A.
- 870/Del/96 Otis Elevator Company, "U.S.A., Pallet for A Conveyor," (Convention Date 28th April, 1995)—U. S. A.
- 871/Del/96 Fernando Antonio Dos Santos Simoes, "Portugal," "Method for colouring pieces of Rock by Laser Rays."
- 872/Del/96 Smithkline Beecham Biologicals, S. A., Belgium, "Vaccines." (Convention Date 25th April, 1995 and 28th June, 1995)—U. K.
- 873/Del/96 Magotteaux International, Belgium, "Machine for sorting solid objects," U.K.
- 874/Del/96 Motorola Inc., U.S.A., "Apparatus for Controlling Frequency Deviation of A Portable Transceiver," (Convention Date 3rd May, 1995)—U. S. A.
- 875/Del/96 Ingersoll-Rand Company, "U.S.A., Muffler for Air Operated Reciprocating Pumps," (Convention Date 26th April, 1995)—U. S.A.
- 876/Del/96 NMC S. A. Belgium, "Method and Apparatus for Manufacturing Coextruded Foam Composites," (Convention Date 26th April, 1993 and 27th September, 1995)—Luxembourg.
- 877/Del/96 BP Chemicals Limited, "England," "Process for the Production of Acetic Acid by Carbonylation," (Convention Date 21st June, 1995, 19th July, 1995, 6th October, 1995 and 23rd November, 1995)—U.K.
- 878/Del/96 BP Chemicals Limited, "England" "Process for the Carbonylation of Alkyl Alcohols and/or Reactive Derivatives thereof," (Convention Date 21st June, 1995, 19th July, 1995, 6th October, 1995 and 23rd November, 1995)—U. K.
- 879/Del/96 Motorola, Inc., U.S.A., "Apparatus and Method for Message Re-Transmission on Demand," (Convention Date 4th May, 1995)—U.S. A.
- 880/Del/96 T I Properties, Inc., "U.S.A., Ozone Generator."
- 881/Del/96 Jervis B. Webb International Company, "U.S.A., Multiple Tray Carriers for Early Bag Storage System," (Convention Date 9th May, 1995)—U. S. A.

- 882/Del/96 United Auto Tractors, New Delhi, "Mobile Rice Planting Machine."
- 883/Del/96 CRS Holdings, Incorporated, U.S.A., "Free Machining Austenitic Stainless Steel and A Method for Preparing the same." (Convention Date 7th June, 1995)—U.S.A.
- 884/Del/96 Claymax Corporation, U.S.A., "Low Permeability Geosynthetic Clay Liner and Method of Manufacture Thereof." (Convention Date 8th May, 1998 and 8th April, 1996)—U.S.A.
- 885/Del/96 BRDR, Christensens Haner A/s, Denmark, "A Shut-Off Device of the Double Block-and-Blood Type." (Convention Date 27th April, 1995)—Denmark.
- 886/Del/96 BRDR Christensens Haner A/S, Denmark, "A Shut-Off Device," (Convention Date 27th April, 1995)—Denmark.
- 887/Del/96 Goal Line Environmental Technologies, U.S.A., "Regeneration of Catalyst/Absorber."
- 888/Del/96 Hydrogen Burner Technology, Inc., U.S.A., Apparatus and Method for Decreasing Nitrogen Oxide Emissions From Internal Combustion, Power Sources." (Convention Date 15th May, 1995)—U. S. A.
- 889/Del/96 Hydrogen Burner Technology, Inc., U.S.A. "Shiftreactor for use with an Underoxidized Burner." (Convention Date 6th June, 1995)—U. S. A.
- 890/Del/96 The Goodyear Tire & Rubber Company, U. S. A., "Tire Having Silica Reinforced Rubber Tread with Carbon Black Reinforced Rubber Envelope." (Convention Date 20th July, 1995)—U. S. A.
- 891/Del/96 Silicon Graphics, Inc., U.S.A., "Efficient Ultra low drop out power regulator." (Convention Date 27th April, 1995)—U.S.A.
- 892/Del/96 Hydrogen Burner Technology, Inc., U.S.A.—"Underoxidized Burner Utilizing Improved Injectors." (Convention Date 15th May, 1995)—U. S. A.
- 893/Del/96 The Torrington Company, U.S.A., "Angular Adjustable Clamp Yoke." (Convention Date 28th April, 1995)—U. S. A.
- 894/Del/96 Dr. Beck & Co. AG., Germany, "Wire Enamel Formulation with internal lubricant," (Convention Date 26th April, 1995)—Germany.

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- 895/Del/96 The Procter & Gamble Company, U.S.A., "Process for the manufacture of Hypochlorite Bleaching Compositions," (Convention Date 16th May, 1995)—U. K.
- 896/Del/96 The Procter & Gamble Company, U.S.A.—"Process for the manufacture of Hypochloride Bleaching Compositions," (Convention Date 16th May, 1995)—U. K.

- 897/Del/96 The Procter & Gamble Company, U.S.A., "A Process of Bleaching Fabrics," (Convention Date 16th May 1995)—U. K.
- 898/Del/96 Gas Authority of India Limited, New Delhi, "A mechanical Fuel Injection System for Two Stroke Spark Ignition Engines"
- 899/Del/96 Gas Authority of India Limited, New Delhi, "An Electro Mechanical Fuel Injection Device for Two Stroke Spark Ignition Engine's"
- 900/Del/96 DEA Inc., U.S.A., "Method for Manufacturing Hybrid Inflator having Toroidal-Like Stored Gas Housing." (Convention Date 2nd May, 1995), U.S.A.
- 901/Del/96 Astra Aktiebolag, Sweden, "Device for mixing A Pharmaceutical Composition with another Agent." (Convention Date 3rd May, 1995)—Sweden.
- 902/Del/96 The Goodyear Tire & Rubber Company, U.S.A., "A Truck Tire having an improved precured Tire tread for A Truck Tire and the method of assembly." (Convention Date 30th June, 1995)—U.S.A.
- 903/Del/96 Helmut Lingemann GMBH & Co., Germany, "Multi-Chamber Flat tube for Heat Exchangers, and Process for Producing the same." (Convention Date 26th April, 1995 & 20th May, 1995), Germany.
- 904/Del/96 Sony Corporation, Japan, "Method of and apparatus for manufacturing Cathode-ray Tube." (Convention Date 28th April, 1995)—Japan.
- 905/Del/96 Zeneca Limited, England, "Chemical Process." (Convention Date 06th May, 1995 and 25th May 1995)—U. K.
- 906/Del/96 Motorola, Inc., U.S.A., "Method and apparatus for Optimizing and testing a Communication System." (Convention Date 26th May, 1995)—U.S.A.
- 907/Del/96 Daicel Chemical Industries, Ltd., Japan, "Process for Producing Acetic Acid." (27th April, 1995)—Japan.
- 908/Del/96 Solvay (Societe Anonyme), Belgium, "Ethylene Polymer and Processes for obtaining it." (Convention Date 28th April, 1995)—Belgium".
- 909/Del/96 Sulzer Chemtech AG, Switzerland, "A Mixer Arranged in a Tube"
- 910/Del/96 Motorola, Inc., U.S.A., "Apparatus and method for charging only Rechargeable Batteries." (Convention Date 31st May, 1995)—U.S.A.
- 911/Del/96 Brupat Limited, U. K. "Mooring Bed Assessment Apparatus and Method." (Convention Date 26th April, 1995)—U.K.

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- 912/Del/96 Steel Authority of India Ltd., New Delhi, "An improved system for annular Heat-Treatment of Circular Sliding and Rolling Machine Parts like Wheels of Railway Wagons and Locomotives."

- 913/Del/96 Anzon, Inc., U.S.A., "Colloidal Particles of Lolid Flame Retardent and Smoke Suppressant Compounds and Method for making them." (Convention Date 7th June, 1995)—U.S.A.
- 914/Del/96 The Procter & Gamble Company, U. S. A., "Dentifrice Compositions." (Convention Date 2nd May, 1995)—U.S.A.
- 915/Del/96 The Procter & Gamble Company, U. S. A., "Dentifrice Compositions." (Convention Date 2nd May, 1995)—U.S.A.
- 916/Del/96 The Procter & Gamble Company, U. S. A., "Dentifrice Compositions-" (Convention Date 2nd May, 1995)—U. S. A.
- 917/Del/96 Polyclad Laminates Inc., U.S.A., "Drum-Side Treated Metal Foil and Laminate for use in Printed Circuit Boards and Methods of Manufacture."
- 918/Del/96 Teleflex, Incorporated, U.S.A.. "Cable operated Rotary Control Assembly." (Convention Date 3rd May, 1995)—U.S.A.
- 919/Del/96 Polymasc Pharmaceuticals Plc, U. K., "Tissue Entrapment." (Convention Date 3rd May, 1995)—U. K.
- 920/Del/96 William C. Rose., U.S.A.. "Liquid Separator and Polishing Filter Thereof," (Convention Date 27th April 1995 and 25th July, 1995)—U. S. A.
- 921/Del/96 Larry Hood and Antonio Mendez G., U.S.A., and Mexico, "Method and apparatus for Modifications of Visual Acuity by Thermal Means," (Convention Date 8th June, 1995)—U. S. A.
- 922/Del/96 Motorola Inc., U.S.A., "A Method and apparatus for Communication Handover in a Communication System." (Convention Date 9th May, 1995)—U. S. A.
- 923/Del/96 Zakrytoe Akcioneraoe Obschestvo, Russian., "Method and apparatus for Purification and Disinfection of Water."
- 924/Del/96 The Torrington Company, U.S.A., "One-Piece Stamped Clamp Yoke," (Convention Date 1st May, 1995)—U. S. A.
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- 925/DEL/96 SMITHKLINE BEECHAM P.L.C., England, "NOVEL COMPOUNDS" (Convention Date 3rd May, 1995, 3rd May, 1995 and 3rd May 1995)—U.K.
- 926/DEL/96 SMITHKLINE BEECHAM P.L.C. and SMI THKLINE BEECGAM CORPORATION "U.S.A., METHOD OF TREATMENT," (Convention Date 3rd May, 1995 and 18th November, 1995)—U.K.
- 927/DEL/96 INDUSTRIE ILPEA S.P.A., ITALY, "METHOD FOR HEATWELDING LENGTHS OF PROFILES FOR SEALING GASKETS AND APPARATUS FOR IMPLEMENTING SAID METHOD."
- 928/Del/96 HERCULES INCORPORATED, U.S.A., "2-OXETANONE SIZING AGENTS AND THEIR PREPARATION AND USE," (CONVENTION DATE 8th May, 1995)—U.S.A.
- 929/Del/96 THE GOODYEAR TIRE & RUBBER COMPANY, U.S.A., "STEEL CABLE CONVEYOR BELT WITH IMPROVED PENETRATION AND RIP RESISTANCE," (CONVENTION DATE 12th July, 1995)—U.S.A.
- 930/Del/96 EXXON CHEMICAL PATENTS INC, U.S.A. "PEEDBACK METHOD FOR CONTROLLING NON-LINEAR PROCESSES."
- 931/Del/96 THE PROCTER & GAMBLE COMPANY, U.S.A., "GLUTEAL GROOVE BLOCKING DEVICE FOR DIAPERS," (CONVENTION DATE 4th May, 1995)—U.S.A.
- 932/Del/96 THE PROCTER & GAMBLE COMPANY, U.S.A., "SUNSCREEN COMPOSITION," (CONVENTION DATE 24th May, 1995)—U.S.A.
- 933/Del/96 CENTRE FOR DEVELOPMENT OF TELEMATICS. NEW DELHI, "LIGHT WAVE COMMUNICATION SYSTEM."
- 02-05-96.
- 934/Del/96 IGUSSPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH, Germany, "ENERGY CHAIN."
- 935/Del/96 IGUS SPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH, Germany, "GUIDE CHANNEL FOR ENERGY TRANSMISSION CHAINS."
- 936/Del/96 SOFRESID, France, "PROCESS FOR RHE MAGNETIC SEPARATION OF IRON CARBIDE," (CONVENTION DATE 4th May, 1995)—France.
- 937/Del/96 THE TORRINGTON COMPANY, U.S.A.. "CLAMP YOKE AND BOLT ASSEMBLY," (CONVENTION DATE 4th May, 1995)—U.S.A.
- 938/Del/96 EXXON CHEMICAL PATENTS, INC., U.S.A., MODULAR MELTBLOWING DIE,
- 939/Del/96 MATERIALS INNOVATION, INC., U.S.A., "ELECTROCHEMICAL FLUIDIZED BED COATING OF POWDERS."
- 940/Del/96 BERNDORF BAND GESMBH, Austria, "APPARATUS FOR ELECTROMAGNETICALLY CLAMPING AND FOR CONNECTING, PARTICULARLY WELDING, END REGIONS OF METAL SHEETS," (CONVENTION DATE 4th May, 1995)—Austria.
- 941/Del/96 PFIZER INC., U.S.A., "SUBSTITUTED N-(INDOLE-2 - CARBONYLO - GLYCINAMIDES AND DERIVATIVES AS ANTIDIABETIC AGENTS," (CONVENTION DATE 6th June, 1995)—PCT.
- 942/Del/96 INNOTECH, INC., U.S.A., "ADHESIVE PHOTOCHROMIC MATRIX LAYERS FOR USE IN OPTICAL ARTICLES." (CONVENTION DATE 5th May, 1995)—U.S.A.

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943/DEL/96	GAUTAM K. SOLANKEY, H.P., "AQUA VIBRATOR" (SPOTHTH BATH TUB).	957/DEL/96	NATIONAL WESTMINSTER BANK PLC U.K. "IMPROVEMENTS IN SMART CARDS." (CONVENTION DATE 11th May, 1995)—U.K.
944/DEL/96	SOFMAP FUTURE DESIGN COMPANY LIMITED, JAPAN, "INTERFACE CIRCUIT" AND DATA PROCESSING APPARATUS AND METHOD." (CONVENTION DATE 6th May, 1995)—Japan.	958/DEL/96	NATIONAL WESTMINSTER BANK PLC, U.K., "VALUE TRANSFER SYSTEM." (CONVENTION DATE 11th May, 1995)—U.K.
945/DEL/96	THE OILGUARD COMPANY LLC, U.S.A., "OIL FILTRATION METHOD AND ELEMENT OF WOUND COTTON/PAPER COMPOSITION."	07-05-96	
946/DEL/96	MARUSHO CO., LTD., Japan, "WIRELESS ACCOMPANIMENT APPARATUS."	959/DEL/95	ASTRA AKHEBOLAG, Sweden. "NEW USE," (CONVENTION DATE 15th May, 1995)—Sweden.
947/DEL/96	CARTONNERIES DE THULIN S.A., Belgium, "CASSETTE FOR RECEIVING AT LEAST ONE COMPACT DISC."	960/DEL/95	PFIZER INC., U.S.A. "NEUROPEPTIDE YI SPECIFIC LIGANDS," (CONVENTION DATE 7th June, 1995 and 7th June, 1995)—U.S.A.
948/DEL/96	EXXON CHEMICAL PATENTS, INC., U.S.A., "INTERPOLYMER CURES OF BLENDS COMPRISING HALOGENATED ISOOLEFIN/PARA-ALKYLSTYRENE ELASTOMERS AND UNSATURATED ELASTOMERS." (CONVENTION DATE 3rd May, 1995)—U.S.A.	961/DEL/96	PFIZER INC., U.S.A. "THERAPEUTIC AMIDES."
949/DEL/96	CARL J. ABRAHAM, U.S.A., "SELF LOCKING ADJUSTABLE BRACELET." (CONVENTION DATE 6th October, 1995)—U.S.A.	962/DEL/96	BONAS MACHINE COMPANY LIMITED, U.K. "HEALD CONTROL MECHANISM."
950/DEL/96	NIPPONDENSO CO., LTD., Japan, "STARTER WITH PINION RETREAT PREVENTING STRUCTURE." (CONVENTION DATE 10th May, 1995, 26th May, 1995, 14th February, 1996 and 18th April, 1996)—Japan.	963/DEL/96	BAYER CORPORATION, U.S.A., "A PROCESS FOR PREPARING PHOSPHORODI CHLORIDODI THIOATES BY REACTING ALKYL MERCAPTANS WITH PCl_3 , PSCl_3 AND SULFUR," (CONVENTION DATE 17th May, 1995)—U.S.A.
951/DEL/96	BHARAT HEAVY ELECTRICALS LTD., NEW DELHI, "A METHOD FOR TREATING CONDENSATE WASTES FROM SUGAR INDUSTRIES."	964/DEL/96	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, U.S.A., "INSECT CONTROL WITH MULTIPLE TOXINS," (CONVENTION DATE 8th May, 1995)—U.S.A.
952/DEL/96	MAHI PAL GUPTA, RAJASTHAN, "LOW COST INVERTER CIRCUIT FOR OPERATION OF COMPACT FLUORESCENT LAMP."	965/DEL/96	BAYER CORPORATION, U.S.A. "A PROCESS FOR PREPARING PHOSPHORODI CHLORIDODI THIOATES BY REACTING ALKYL MERCAPTANS WITH PHOSPHORUS TRI CHLORIDE IN THE PRESENCE OF SULFUR," (CONVENTION DATE 17th May, 1995)—U.S.A.
953/DEL/96	THE PROCTER & GAMBLE COMPANY, U.S.A., "PUMP SPRAY FOR VISCOUS OR SOLIDS LADEN LIQUIDS," (CONVENTION DATE 7th July, 1995 and 21st February, 1996)—U.S.A.	956/DEL/96	THE CHIEF CONTROLLER, RESEARCH AND DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI, "ELECTRON BEAM PROCESSING OF TITANIUM ALLOYS FOR IMPROVING FATIGUE CRACK GROWTH RESISTANCE."
954/DEL/96	THE PROCTER & GAMBLE COMPANY, U.S.A., "CHEMICALLY SOFTENED TISSUE PAPER PRODUCTS CONTAINING A POLYSILOXANE AND AN ESTER-FUNCTIONAL AMMONIUM COMPOUNDS." (CONVENTION DATE 17th May, 1995)—U.S.A.	967/DEL/96	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, NEW DELHI. "A DEVICE TO SEND DISTRESS SIGNAL FROM UNDERWATER."
955/DEL/96	PANACEA BIOTEC LIMITED, "NEW DELHI, "THERAPEUTIC INJECTABLE ANALGESIC PHARMACEUTICAL COMPOSITION."	08-05-96	
956/DEL/96	PANACEA BIOTEC LIMITED, NEW DELHI, "A NOVEL THERAPEUTIC ANTI-INFLAMMATORY AND ANALGESIC PHARMACEUTICAL COMPOSITION AND A PROCESS FOR THE MANUFACTURE THEREOF."	968/DEL/96	MOTOROLA, INC., U.S.A., "IMAGE GENERATOR FOR USE IN IMAGE MANIFESTATION APPARATUS," (CONVENTION DATE 22nd May, 1995)—U.S.A.
		969/DEL/96	MOTOROLA, INC., U.S.A., "SELECTIVE CALL RECEIVER HAVING AUTOMATICALLY ADJUSTED IMPEDANCE MATCH FOR ANTENNA." (CONVENTION DATE 26th May, 1995)—U.S.A.

- 970/Del/96 SONY CORPORATION, Japan AUTO-MATIC EDITING/RECORDING DEVICE AND DUBBING SYSTEM LOADED WITH THE DEVICE." -(CONVENTION DATE 11th May, 1995)—Japan.
- 971/Del/96 GAIN INCORPORATED, U.S.A. "IMPROVED PROSTHETIC DEVICE WITH A RETAINING STRAP." (CONVENTION DATE 29th April, 1996)—U.S.A.
- 09-05-96
- 972/Del/96 THE PROCTER & GAMBLE COMPANY, U.S.A., "CLEANING COMPOSITIONS CONTAINING A CRYSTALLINE BUILDER MATERIAL HAVING IMPROVED PERFORMANCE." (CONVENTION DATE 31st May, 1995 and 13th March, 1996)—U.S.A.
- 973/Del/96 THE PROCTER & GAMBLE COMPANY, U.S.A., "PROCESS FOR MAKING A GRANULAR DETERGENT COMPOSITION CONTAINING A CRYSTALLINE BUILDER MATERIAL." (CONVENTION DATE 31st May, 1995 and 13th March, 1996)—U.S.A.
- 974/Del/96 The Procter & Gambia Company, U. S. A., "Cleaning Compositions Containing A Crystalline Builder Material in selected particle size ranges for improved performance." (Convention Date 31st May, 1995 and 13th March, 1996)—U.S.A.
- 975/Del/96 The Procter & Gamble Company, U. S. A., "Process for making a crystalline builder material having improved performance," (Convention Date 31st May, 1995 and 13th March 1996)—U.S.A.
- 976/Del/96 Ninon Bayer Agrochen K. K., Japan, "Benzophenone Hydrazone Derivatives as insecticides." (Convention Date 12th May, 1995 and 15th February, 1996)—Japan.
- 977/Del/96 Audio Navigation System, Inc., U.S.A., "Method and apparatus for improving the reliability of recognizing words in a large database when the words are spelled or spoken." (Convention Date 9th May, 1995)—U.S.A.
- 978/Del/96 Advanced Elastomer Systems, L. P., U.S.A., "Thermoplastic Elastomers having improved high temperature performance." (Convention Date 12th May, 1995)—U.S.A.
- 979/Del/96 Shell International Research Mutschappij B. V., Netherlands, "preparation process for Polymer-Modified Bitumen."
- 980/Del/96 DSC Communications A/S., Denmark, "An Apparatus for Measuring on an optical Fibre." (Convention Date 10th May, 1995)—Denmark.
- 981/Del/96 Sony Corporation, Japan, "Method of Magnetically processing color cathode-ray tube." (Convention Date 10th May, 1995)—Japan.
- 982/Del/96 Jagdish Kumar Chawla, Haryana, "Auto Pump."
- 983/Del/96 Thomas Jefferson Shaw, U.S.A., "Tamper-proof Retractable Syringe," (Convention Date 11th May, 1995, and 29th September, 1995)—U.S.A.
- 984/Del/96 Sony Corporation, Japan, "Plasma-Addressed display panel and a method of manufacturing the same," (Convention 12th May 1995)—Japan.
- 985/Del/96 Sony Corporation, Japan, "Discharge Panel." (Convention Date 12th May, 1995)—Japan.
- 986/Del/96 Sony Corporation, Japan, "Electrode Arrangement for Plasma display device," (Convention Date 12th May, 1995)—Japan.
- 987/Del/96 Sony Corporation, Japan, "Plasma Addressed Display," (Convention Date 12th May, 1995)—Japan.
- 13.05.96
- 988/Del/96 Steve Lindauer and John Lindauer, U.S.A., "In-Line Skate Carrier," (Convention Date 12th April, 1995)—U.S.A.
- 989/Del/96 Colgate-Palmolive Company, U.S.A., "Silica abrasive dentifrice of reduced stringiness and improved Flavor," (Convention Date 26th May, 1995)—U.S.A.
- 990/Del/96 Smithkline Beecham Corporation, U.S.A., "Holder," (Convention Date 15th May, 1995 and 20th July, 1995)—U. K.
- 991/Del/96 Rohm and Haas Company, U.S.A., "Stabilization of Aqueous 3-Isothiazotaoe Solutions," (Convention Date 23th May, 1995)—U.S.A.
- 992/Del/96 L' Air Liquide, Societe Anonyme Pour L'etude ET L' Exploitation Des Procèdes Georges Claude, Franco, "Process for Producing Pressurized Oxygen by Adsorption." (Convention Date 18th May, 1995)—France.
- 993/Del/96 Francis Shaw & Company, (Manchester) Limited, U. K., "Internal Mixers," (Convention Date 13th May, 1995)—U. K.
- 994/Del/96 Sony Corporation, Japan, "Light Diffuser for a liquid Crystal Display Device and Manufacturing method thereof." (Convention Date 16th May, 1995)—Japan.
- 995/Del/96 N. V. Bekaert S. A., Belgium, "Detection Authenticity of Security Documents."
- 996/Del/96 Rohm and Haas Company, U.S.A., "Stable Microemulsions of certain 3-Isothiazolone Compounds," (Convention Date 16th May, 1995)—U.S.A.
- 997/Del/96 Optonol Ltd., Israel, "Intraocular Implant, Delivery Device, and method of implantation," (Convention Date 27th March, 1995)—U.S.A.
- 998/Del/96 National Westminster Bank Plc, U.K. "Transaction recovery in value transfer systems," (Convention Date 15th May, 1995, 15th May, 1995 and 15th May, 1995)—U. K.
- 999/Del/96 Denny Bros. Printing Limited, U.K., "Adhesive Label/Leaflet Assemblies," (Convention Date 16th May, 1995)—Great Britain.
- 1000/Del/96 Gas Authority of India Limited, New Delhi, "A Fuel Composition for use in the Vehicles."
- 1001/Del/96 Arvind Kumar. Varsnani (U. P.), "An article to Protect Infections from Telephone's receiver".

- 1002/DEL/96 Martin Marietta Corporation, U. S. A., continuously variable Hydrostatic Transmission with Neutral setting Hydraulic Circuit." (Convention Date 16th October, 1995)—U.S.A.
13-05-96
- 1003/DEL/96—DOLPHIN MART LIMITED "NEW DELHI. "A DIAPER PACKING"
14-05-96
- 1004/DEL/96 P.K. NANDA, "H.P., "A PORTABLE OXYGEN BAG ASSEMBLY WITH PROVISIONS FOR BOTH CLOSE-CIRCUIT AND OREN-CIRCUIT BREATHING"
- 1005/DEL/96 JAGDISH KUMAR GHAWLA. "HARYANA, "ATMOSPHERIC ENGINE".
- 1006/DEL/96. BIOZON., S.L., Spain, "/PROCEDURE FORMULATION AND INSTALLATION FOR THE TREATMENT AND STERILIZATION OF SOLID, LIQUID FERROUS METAL, NON FERROUS METAL, TOXIC AND HAZARDOUS BIOLOGICAL RESIDUES IN HOSPITALS"
- 1007/DEL/96. MORTON INTERNATIONAL, GmbH Germany," ADHESIVE FOR SOLVENT FREE USA" (CONVENTION DATE 20th May, 1995).
- 1003/DEL/96 ALLIED SIGNAL INC., U.S.A., "ILLUMINATION SYSTEM WITH LIGHT RECYCLING TO INCREASE BRIGHTNESS." (CONVENTION DATE 19th May, 1995)—U.S.A.
- 1009/DEL/96 PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./ S.A., Ireland, "INDULL SALT" (CONVENTION DATE 20th May, 1995)—U.K.
- 1010/DEL/96 NASTECH EUROPE LIMITED "England" STEERING COLUMN CLAMPING MECHANISM" (CONVENTION DATE (10th May, 1995)—U.K.
- 1011/DEL/96 COLGATE PALMOLIVE COMPANY, "U.S.A., PROCESS FOR APPLYING ANTIBACTERIAL COMPOSITION TO DENTAL IMPLANT AREAS." (CONVENTION DATE 18th May, 1995)—U.S.A.
15-05-96
- 1012/DEL/96 Dr. SUJOY KUMAR GUHA. "NEW DELHI", HELMET COOLED BY COMBINED THERMOELECTRIC, WATER EVAPORATIVE AND FORCED AIR COOLING."
- 1013/DEL/96 HONDA GIKEN KOGYO KABUSHIKI KAISHA, "Japan", CENTRIFUGAL CLUTCH, (CONVENTION DATE 24th May, 1995)—Japan.
- 1014/DEL/96 HONDA GIKEN KOGYO KABUSHIKI KAISHA "JAPAN", "APPARATUS FOR PREVENTION OVERDISCHARGE OF HATIERY USED FOR ELECTRIC VEHICLE" (CONVENTION DATE 14th June, 1995)—Japan.
- 1015/DEL/96 SONY CORPORATION. Japan."DATA, RECORDING/REPRODUCING APPARATUS AND METHOD CORRESPONDING TO A PLURALITY OF DATA FORMATS, AND DATA RECORDING MEDIUM." (CONVENTION DATE 16th May, 1995, 31st May, 1995, 16th August, 1995 and 21st August, 1995)—Japan.
- 1016/DEL/96 ALCATEL N.V., Netherlands, "PROCESSOR-CONTROLLED FACILITY FOR TRACKING A MOBILE STATION IN AN SDMA MOBILE RADIO SYSTEM." (CONVENTION DATE 19th May, 1995)—Germany."
- 1017/DEL/96 HONDA GIKEN KOGYO KABUSHIKI KAISHA. "Japan" CONTINUOUSLY VARIABLE TRANSMISSION" (CONVENTION DATE 22nd May, 1995)—Japan.
- 1018/DEL/96 W.R. GRACE & CO. CONN., U.S.A., SLIME CONTROL AGENTS." (CONVENTION DATE 5th June, 1995)—U.S.A.
- 1019/DEL/96 SANTA BARBARA RESEARCH CENTER, "U.S.A., SENSOR SYSTEM HAVING DETECTOR TO DETECTOR RESPONSIVITY CORRECTION FOR PUSH-BROOM SENSOR." (CONVENTION DATE 16th May, 1995)—U.S.A.
- 1020/DEL/95 TELEFLEX, INCORPORATED, "U.S.A. CORE TERMINAL FOR MOTION-TRANSMITTING REMOTE CONTROL ASSEMBLY." (CONVENTION DATE 12 th July, 1995)—U.S.A.
16-05-96
- 1021/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI." AN IMPROVED PROCESS FOR BIOCATALYTIC RESOLUTION OF CIS(+) 3—(2, 2-DICHLORO-333— TRIFLUOROPROPYL)—2, 2 DIMETHYL CYCLOPROPANE CARBOXYLATE."
- 1022/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI." A PROCESS FOR THE BIOTRANSFORMATION OF ISOEUGENOL AND EUGENOL TO VANILLIN IN AXENIC CULTURES OF SPIRULINA SPECIES"
- 1023/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW-DELHI., AN IMPROVED PROCESS FOR THE COMPLETE OXIDATION OF CARBON, MONOXIDE USING PARTIALLY STABILIZED ZIRCONDA."
- 1024/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI. AN IMPROVED PROCESS FOR THE PREPARATION OF ETHANOL."
- 1025/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI. A PROCESS FOR THE PREPARATION OF SELF-REDUCING CARBON-bearing IRON ORE PELLETS:"

- 1026/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI. "AN IMPROVED PROCESS FOR THE PREPARATION OF ZIRCONIA BASED CATALYST COMPOSITES WITH FLUORITE TYPE STRUCTURE."
- 1027/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI. "A PROCESS FOR THE PREPARATION OF NOVEL WATER SOLUBLE SPERMICIDAL PHARMACEUTICAL PREPARATIONS USEFUL AS VAGINAL CONTRACEPTIVES."
- 1028/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, NEW DELHI "A PROCESS FOR THE PREPARATION OF NOVEL CERAMIC SUBSTRATE $Ba_2 DyMO_{5.5}$ (M-Zr, Sn and Hf) FOR Bi-CUPRATE SUPER CONDUCTORS AND PROCESS FOR THE PREPARATION OF PHASE PURE SUPER-CONDUCTING Bi(2223) AND Bi (2223)-Ag THICK FILMS ON THESE NEWLY DEVELOPED SUBSTRATES."
- 1029/DEL/96 COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW DELHI, "AN IMPROVED METHOD OF FLUXING OF PHYCOCYANIN FROM THE CYANO BACTERIUM SPIRULINA SPECIES."
- 1030/DEL/97 ALLGON AB. Sweden, "A DEVICE FOR ADJUSTING THE DIRECTION OF A BEAM FROM AN ANTENNA " (CONVENTION DATE 24th May—1995)-Sweden.
- 1031/DEL/96 SONY CORPORATION,, Japan, "ELECTRONIC DEVICE. (CONVENTION DATE 19th May, 1995)—Japan.
- 1032/DEL/96 ALUCHEM, INC., U.S.A., METHOD AND APPARATUS FOR MAKING HIGH-GRADE ALUMINA FROM LOW-GRADE ALUMINUM OXIDE FINES," (CONVENTION DATE 17th May, 1995 and 27th March, 1996)—U.S.A.
- 1033/DEL/96 HE HOLDINGS, INC., U.S.A., DIGITAL-TO-ANALOG CONVERTER (DAC) AND METHOD THAT PRODUCE AN APPROXIMATELY PIECEWISE LINEAR ANALOG WAVEFORM," (CONVENTION DATE 18th May, 1995)—U.S.A.
- 1034/DEL/96 VALED EQUIPMENTS ELECTRIQUES MOTEUR, France, "AN ALTERNATOR, IN PARTICULAR FOR A MOTOR VEHICLE, INCLUDING AN IMPROVED ARRANGEMENT OF RECTIFIER DIODES," (CONVENTION DATE 17th May, 1995)-France.
- 1035/DEL/96 THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, "NEW DELHI," A PROCESS FOR PREPARATION OF FLOURIDE GLASS."
- 17-05-96
- 1036/DEL/96 STEEL AUTHORITY OF INDIA Ltd., NEW DELHI, "AN IMPROVED PROCESS FOR PRODUCING COKE SUBSTITUTE FROM LIGNITE CHAR."
- 1037/DEL/95 STEEL AUTHORITY OF INDIA LTD., NEW DELHI, "AN IMPROVED STOVE BURNER ASSEMBLY FOR BLAST FURNACES."
- 1038/DEL/96 STEEL AUTHORITY OF INDIA LTD. NEW DELHI, "A PROCESS FOR PRODUCING CONTINUOUSLY CAST, CRACKFREE AISI-310- GRADE STAINLESS STEEL SLABS/HOT ROLLED PLATES."
- 1039/DEL/96 WILLIAM RICHARD RASSMAN. "U.S.A HAIR TRANSPLANTATION SYSTEM." (CONVENTION DATE 19th May, 1995 and 10th April, 1996)-U.S.A.
- 1040/DEL/96 BRITISH TECHNOLOGY GROUP LIMITED, "England," OPTICAL COMMUNICATION SYSTEMS." (CONVENTION DATE 17th May, 1995)—U.K.
- 1041/DEL/96 ZENECA LIMITED, "England, "BICYCLIC AMINES," (CONVENTION DATE 24th May, 1995)—U.K.
- 1042/DEL/96 GLAXO WELCOME, INC. U.S.A., ANTAGONISTS OF IC ADRENERGIC RECEPTORS."
- 1043/DEL/96 L'AIR LIQUIDS, SOCIETY ANONYMS POUR L'ETUDE ET L'EXPLOITATION DBS PROCEDES GEORGES CLAUDS," DEVICE AND PROCESS FOR SEPARATING GASES BY ADSORPTION." (CONVENTION DATE 19th May, 1995)—France.
- 1044/DEL/96 EXXON CHEMICAL PATENTS, INC., U.S.A., COMPATIBILIZED BLENDS OF POLYPROPYLENE AND POLY (PHBNYLENE ETHER) POLYMERS.
- 1045/DEL/96 SOUND PIPE LTD., ISLAND, "IMPROVEMENTS RELATING TO METHODS OF MANUFACTURING TUBULAR STRUCTURES AND TO TUBULAR STRUCTURES MANUFACTURED BY THE METHODS." (CONVENTION DATE 18th May, 1995, 21st June, 1995, 26th September, 1995, 6th November, 1995, 8th November, 1995, 8th November, 1995, 11th November, 1995, 25th November, 1995 and 3rd April, 1996)-U.K.
- 1046/DEL/96 MITSUI PETROCHEMICAL INDUSTRIES LTD., Japan, "SOLID TITANIUM CATALYST COMPONENT, PROCESS FOR PREPARING SAME, OLEFIN POLYMERIZATION CATALYST CONTAINING SAME AND OLEFIN POLYMERIZATION PROCESS," (CONVENTION DATE 18th May 1995)—Japan.
- 1047/DBL/96 COMPAGNIE GENERAL DES ETABLISSEMENTS MICHEL IN MICHELIN & CIE, "TYRE HAVING A REINFORCEMENT PLY WITH CIRCUMFERENTIAL ELEMENTS," (CONVENTION DATE 30th May 1995)—France.

1048/DEL/96 PAOTO PAEARONI. Italian "IMPROVEMENTS OF REVERSE GEAR. INVOLUNTARY ARTICULATION. INHIBITOR DEVICES, FOR EXTERNAL COMMANDS OF AUTOMOBILES SPEED GEAR," (CONVENTION DATE 6th Juno, 1995)—Italy.

1049/DEL/96 DAVID JOHN LITTLE, Great Britain, "FLUID DISPENSING SYSTEM." (CONVENTION DATE 17th May, 1995, 21st July, 1995 and 21st July, 1995)—U.K.

20-05-96

1050/DEL/96 NORTH AMERICAN MANUFACTURING COMPANY. "U.S.A. METHOD AND APPARATUS FOR CONTROLLING STAGED COMBUSTION SYSTEM," (CONVENTION DATE 6th June, 1995)—U.S.A.

1051/DEL/96 PRPF. ABBURI RAMAIAH, NEW DELHI, "A COMPOSITION FOR TREATING."

1052/DEL/96 PROF ABBURI RAMAIAH NEW DELHI, "A COMPOSITION FOR TREATING VITILIGO."

1053/DEL/96 CHIEF CONTROLLER RESEARCH AND DEVELOPMENT NEW DELHI, "A PROCESS FOR THE PREPARATION OF A DECONTAMINATING OR NEUTRALIZING AGENT."

1054/DEL/96 BH CHEMICALS LIMITED. England PROCESS FOR PREPARING A ZIEGLER-NATTA CATALYST, (CONVENTION DATE 22nd May, 1995)—U.K.

1055/DEL/96 EXXIN CHEMICAL PATENTS INC. U.S.A., METALATION AND FUNCTIONALIZATION OF PRLYMERS AND COPOLYMERS." (CONVENTION DATE 19th May, 1995, 22nd May, 1995 and 7th June, 1995)—U.S.A.

1056/DEL/96 H.C STARCH, GmbH & CO. KG Germany. "COBALT METAL AGGLOMERATES PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF." (CONVENTION DATE 26th May, 1995)—Germany.

1057/DEL/96 H.C. STARCH GmbH & CO. Germany, "COBALT METAL AGGLOMERATES, PROCESS FOR THE, PRODUCTION THEREOF AND USE THEREOF." (CONVENTION DATE 26th May, 1995)—Germany.

1058/DEL/96 H.C. STARCH GmbH & CO. KG. Germany. "BASIC COBALT (II) CARBONATES PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF." (CONVENTION DATE 6th May, 1995)—Germany.

1059/DEL/96 MITSUI PETROCHEMICAL INDUSTRIES, LTD. Japan, "SOLID TITANIUM CATALYST COMPONENT, ETHYLENE POLYMERIZATION CATALYST CONTAINING THE SAME, AND ETHYLENE POLYMERIZATION

-PROCESS." (CONVENTION DATE 22nd May, 1995, and 8th April 1996)—Japan.

1060/DEL/96 H.C STARCH GmbH & CO. KG. Germany. "SPHEROIDALLY AGGLOMERATED BASIC COBALT (II) CARBONATE AND SPHEROIDALLY AGGLOMERATED COBALT (II) HYDROXIDE, A PROCESS FOR PRODUCING THEM AND THEIR USE (CONVENTION DATE 26th May, 1995)—Germany.

1061/DEL/96 KAWASAKI JUKOGYO KABUSHIKI KAISHA, and MITSUBISHI CORPORATION Japan. METHOD AND APPARATUS FOR PRODUCING IRON CARBIDE." (CONVENTION DATE 31st May, 1995 and 19th February, 1996)—Japan.

1062/DEL/96 THE PROCTER & GAMBLE COMPANY, U.S.A. "A PERSONAL PACKAGE OF FACIAL TISSUE."

21-05-96

1063/DEL/96 ASTRA AKTIEBOLAG "Sweden. "BACTERIAL ANTIGENS AND VACCINE COMPOSITION" (CONVENTION DATE 1st June, 1995—and 21st March, 1996)—Sweden.

1064/DEL/96 UCB. S.A., Belgium. "SUBSTITUTED IH-IMIDAZOLES."

1065/DEL/96 HOECHST SCHERING AGREVO GmbH. "Germany. "HERBICIDAL PYRROLINONES" (CONVENTION DATE 30th May, 1995)—Germany.

1066/DEL/96 PFIZER INC., U.S.A., " SYNERGISTIC TREATMENT FOR PARKINSONISM."

1067/DEL/96 L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DBS PROCEDES GEORGES CLAUDE, France. "METHOD AND DEVICE FOR WAVE SOLDERING ON CORPORATING A DRY FLUXING OPERATION." (CONVENTION DATE 9th June, 1995)—France.

1068/DEL/96 HAMPSHIRE CHEMICAL CORP., U.S.A., FACILE SYNTHESIS OF PHOSPHONOMETHYLGLYCIN FROM PHOSPHONOMETHYL IMINODI ACETIC ACID." (CONVENTION DATE 30th May, 1995)—U.S.A.

1069/DEL/96 OTSUKA PHARMACEUTICAL CO. LTD., Japan. "DIHYDROPHENAZINE DERIVATIVE PROCESS FOR PRODUCING THE SAME AND DRUG FOR TUBERCLE BACILLI AND A TYPICAL ACID-FAST BACILLI." (CONVENTION DATE 22nd May, 1995 and 4th March, 1996)—Japan.

1070/DEL/96 KELLY SPACE & TECHNOLOGY U.S.A. "SPACE LAUNCH VEHICLES CONFIGURED AS GLIDERS AND TOWED TO LAUNCH ALTITUDE BY CONVENTIONAL AIRCRAFT."

- 1071/DEL/96 L'AIR LIQUIDE SOCIETE ANONYME POUR LETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE. France, "METHOD FOR DRY FLUXING OF METALIC SURFACES, BEFORE SOLDERING OR TINNING, USING AN ATMOSPHERE WHICH INCLUDES WATER VAPOUR, (CONVENTION DATE 9 th June, 1995)—France.
22-05-96
- 1072/DEL/96 THE PROCTER & GAMBLE Co., U.S.A. "CLEANSING COMPOSITIONS." (CONVENTION DATE 27th May, 1995)—U.K.
- 1073/DEL/96 THE PROCTER & GAMBLE COMPANY U.S.A. "CLEANSING COMPOSITIONS." (CONVENTION DATE 27th May, 1995)—U.K.
- 1074/DEL/96 THE PROCTER & GAMBLE, Co., U.S.A. "PROCESS FOR MAKING HIGH ACTIVE HIGH DENSITY DETERGENT GRANULES." (CONVENTION DATE 31st May, 1995)—U.S.A.
- 1075/DEL/96 THE PROCTER & GAMBLE COMPANY, U.S.A. "METHOD FOR MANUFACTURING TAPE TAB FASTENERS, (CONVENTION DATE 24th May, 1995)—U.S.A.
- 1076/DEL/96 UOP U.S.A. Eliminating Wax precipitation in Linre Alpha-Olefin production by Recycle of a portion of product."
- 1077/DEL/96 The Gillette Company U.S.A. "Inspection of Edges,". (Convention Date 25th May, 1993)—U.S.A.
- 1078/DEL/96 Aquatec Water Systems, Inc. U.S.A. "A Wobble Plate Pump, (Convention Date 23rd May, 1995)—U.S.A.
- 1079/DEL/96 ELF Aquitaine Production, France. "Process for Oxidising, the H₂S present at a low Concentration in a gas directly to sulphur by a Catalytic route and Catalyst for making use of this process."
- 1080/DEL/96 Telefonaktiebolaget LM Ericsson. Sweden "Method and device for Phase-Modulated Signals" (Convention date 22nd May, 1993)—Sweden.
- 1081/DEL/96 Motorola Inc., U.S.A. "Radiotelephone switching system and method of providing Radiotelephone services" (Convention Date 26th May, 1995)—U.S.A.
- 1082/DEL/96 Pfizer Inc., U.S.A. "Substituted N-(Indole-2-Carbonyl)—B-Alaninamides and Derivatives as antidiabetic agents." (Convention date 6th June, 1995)—PCT.
- 1083/DEL/96 Santa Barbara Research Centre. "U.S.A. "Two-band fourier transform spectrometer (FTS) with dichroic Michelson Mirrors." (Convention Date 25th May, 1995)—U.S.A.
- 1084/DEL/96 Paclo paparoni, Sp. Brazil, "Device inserted in a cable Automotive gear Joint Mechanism."
- 23-05-96
- 1085/DEL/96 Council of Scientific and Industrial Research New Delhi. "An improved process for the production of Thpe [1, 1', 1"—TRIS (4'-Hydroxyphenyl) Ethanel.
- 1086/DEL/96 Council of Scientific and Industrial Research New Delhi. "An improved process for preparation of crystalline vanadium containing molecular sieve."
- 1087/DEL/96 Council of Scientific and Industrial Research New Delhi. "An improved process for the preparation of Zeolites."
- 1088/DEL/96 M. K. Pandita, New Delhi. "A preparation for enhancement of mental capabilities and a process thereof."
- 1089/DEL/96 M.K. Pandita, New Delhi. "A process for producing a preparation for enhancement of mental capabilities."
- 1090/DEL/96 M.K. Pandita, New Delhi. "A process for the preparation of a milk base for use in a preparation for enhancement of mental capabilities."
- 1091/DEL/96 M.K. Pandita, New Delhi. "A process for the preparation of a cereal composition."
- 1092/DEL/96 Pfizer Research and Development Company, N.V./ S.A., Ireland. "Antifungal Agents." (Convention date 26th June 1995) U.K.
- 1093/DEL/96 Easycarton Limited, England. "Container" (Convention Date 23rd May, 1995, 10th October, 1995, 10th October, 1995, 10th October, 1995 and 13th October, 1995)—U.K.
- 1094/DEL/96 Nastech Europe Limited, England. "Shaft Coupling". (Convention Date 31st May, 1995 and 15th June, 1995)—U.K.
- 1095/DEL/96 Daracell Inc. U.S.A. "An improved Manganese Dioxide for Lithium "Batteries." (Convention Date 7th June, 1995)—U.S.A.
- 1096/DEL/96 Duracell Inc. U.S.A. Process for improving lithium ion Cell." (Convention Date 7th June, 1995)—U.S.A.
- 1097/DEL/96 Samsonite Corporation U.S.A. "Differential pressure formed luggage with molded integrated frame." (Convention date 7th June 1995)—U.S.A.
- 1098/DEL/96 Samsonite Corporation U.S.A. "Differential pressure formed luggage with molded integrated frame." (Convention date 7th June, 1995)—U.S.A.
- 1099/DEL/96 Samsonite Corporation U.S.A. "Differential pressure formed luggage with molded integrated frame." (Convention Date 7th June, 1995)—U.S.A.
- 1100/DEL/96 Duracell Inc., U.S.A. "An improved process for making a lithiated lithium manganese Oxide Spinel." (Convention Date 7th June, 1995)—U.S.A.
- 1101/DEL/96 Buhler AG, Switzerland. "Method and device for the continuous detection of the moisture content of a bulk material."

- 24-5-1996
- 1102/DEL/96 Adess Singh Punjab. "Wave powered Boyancy Engine."
- 1103/DEL/96 The Procter & Gamble Company. U.S.A. "Cleansing Compositions" (Convention Date 27th May, 1995)—U.K.
- 1104/DEL/96 The procter & Gamble Company, U.S.A. "Cleansing Compositions." (Convention Date 27th May, 1995)-U.K.
- 1105/DEL/96 The procter & Gamble Company U.S.A. "Cleansing Compositions." (Convention Date 27th May, 1995)-U.K.
- 1106/DEL/96 The procter & Gamble Company, U.S.A. "Cleansing Compositions". (Convention Date 27th May, 1995 and 20th September, 1995)-UK,
- 1107/DEL/96 The procter & Gamble Company U.S.A. "Betaine Esters for delivery of Alcohols." (Convention Date 1st June, 1995)—and 17th November, 1995)—U.K.
- 1108/DEL/96 The procter & Gamble Company, U.S.A. "Betaine Esters for delivery of alcohols". (Convention Date 1st June 1995 and 17th November, 1995)—U.K.
- 1109/DEL/96 GEC Alsthom Stein Industrie. France. "Device for monitoring A ball Grinder." (Convention Date 1st June, 1995)-France.
- 1110/DEL/96 Eastman Chemical Company U.S.A. "Robust Spectroscopic optical probe" (Convention Date 25th May, 1995)—U.S.A.
- 1111/DEL/96 Haldex AB Sweden. "A brake lining wear indicating device." (Convention Date 8th June, 1995) Sweden.
- 1112/DEL/96 DSC Communications Corporation U.S.A. "Digital Desynchronizer". (Convention Date 31st May, 1995)—U.S.A.
- 1113/DEL/96 Fori Automation Inc. U.S.A. "Intelligent sensor method and apparatus for an optical wheel alignment machine."
- 1114/DEL/96 The standard oil Company, U.S.A. "Paraffin Ammoxidation using vanadium Antimony oxide based catalysts with Halide promoters". (Convention Date 5th June, 1995)—U.S.A.
- 1115/DEL/96 Beghelli S. r. L. Italy. "Centralized system for monitoring the functioning of peripheral Appliances in particular for emergency lighting lamps." (Convention date 29th May, 1995)—Italy.

the said notice or within one month of its date as prescribed in Rule 36 of the Patent Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आबद्धित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक रीकन विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पित किया जा सकता है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith

Ind. Cl. 55 E 4

178051

Int. Cl. A 61 K-31/475

AN IMPROVED PROCESS FOR MANUFACTURING A COMPOSITION OF HERBAL EXTRACTS USED FOR LICE INFESTATION.

Applicants; M/s. J.B. CHEMICALS & PHARMACEUTICALS LTD. AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT NEELAM CENTRE, 'B' WING WORLI, BOMBAY 400 025, MAHARASHTRA (INDIA).

Inventors : (1) SHIRISH BHAGWANLAL MODY
(2) BHARAT PRAVINCHANDRA MEHTA
(3) PRANABH DINESH MODY
(4) DR. SHASHIKANT AVANTILAL VASAVADA

Application No. 182/Bom/94 filed on 27-04-94,

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent office Branch, Mumbai-13.

4 Claims

An improved process for the manufacture of a composition of herbal extracts used for lice infestation comprising the steps of cleaning the leaves of Tulsi, Fruit of Amalaki, Root, Stem of Kantakeri, Leaves of Neem, Leaves of Pita-bhringi, and Leaves, Herb of Bhringaraj, each herbal ingredient is graded, the extraneous material is removed, the graded material is shredded and powdered, requisite quantities of each of the ingredients in powdered form is added to sodium lauryl sulphate and is mixed in a mixer, to this mixture is added acetic acid solution (1-4%) in a Stainless Steel jacketed vessel provided with a stirrer, the mixture is continuously agitated for about 4 hours, till consistency of a thick slurry is obtained, the temperature is maintained between 45-50° C, each ingredient in the requisite quantity is mixed and the mixed filtrate is concentrated in a thin layer vapouriser.

Complete specification—10 Pages,

Drawings NIL.

Ind. Cl.:49A, Gr. [XV (1)]

178052

Int. Cl.: A 47 J-43/04

CHAPATI MAKING MACHINE FOR LOW VOLUMES.

Applicants & Inventor ; GOPALARAO RANGARAO MADDALI OF 1/2, SWAPNA APARTMENTS NEAR GOSHA SOCIETY, DRIVE INROADTHALTEJ, AHMEDABAD-380 054 GUJARAT, INDIA, AN INDIAN NATIONAL.

Patent Application No. 220/Bom./93 with Provisional Specification Filed on 14-07-93.

Date of Filing Complete after Provisional Specification; 25-02-94

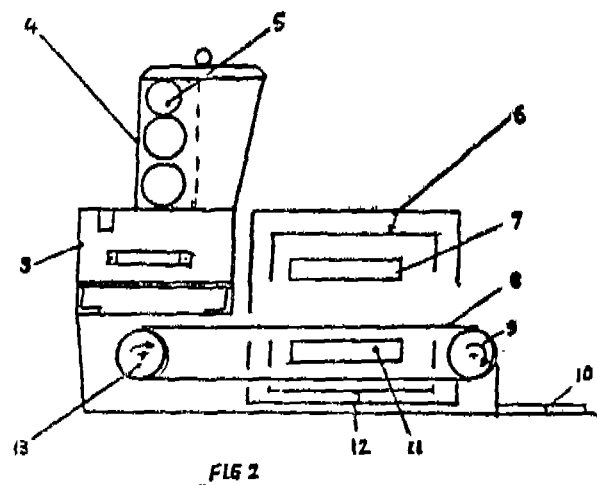
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay-400 013.

11 Claims.

A chapati making machine incorporating a roll module comprising;

a feed roll and a moulding roll provided with an elliptical cavity, with axes of both rolls in horizontal position both rolls rotatable in opposite directions by gearing and the rolls separated by a clearance between them; a knife edge to scrape the moulding roll and mounted so that the tip of the knife edge touches the moulding roll below the horizontal plane containing the axes of the moulding roll and feed roll, fingers free to rotate about the horizontal axis and provided with spring or equivalent, so that the tip of the stud fingers constantly touch the moulding roll whether inside the elliptical cavity or otherwise the peel the elliptical chapati preform

lodged in the moulding roll cavity, an inter guide guiding the chapati preform to rerollers a pair of rerollers with both axes horizontal and both rerollers rotatable in opposite direction by gearing, provided with correct diameter of the said rerollers and a gap between them, so that the elliptical preform is rerolled to a circular chapati, and positioned so that the preform sliding by gravity on the inter guide is gripped by friction between the said rerollers, scrapers touching the rerollers and peeling the chapati, and guiding the chapati onto a conveyor belt lying below the rerollers.



Provisional specification; 05 Pages, Drawings; 02 sheets

Complete specification; 06 Pages Drawings; 06 sheets.

Ind. Cl. 62E, Gr. [XXII(1)]

178053

Int. Cl. D 06F—25/00

AN IMPROVED WASHING MACHINE,
Applicant & Inventor; PYNADATH THOMAS JOY
INDIAN NATIONAL OF MAROL, ANDHERI (EAST)
MUMBAI-400 059, MAHARASHTRA, INDIA,

Patent Application No. 229/Bom./93 with Provisional Specification Filed on 21-07-93.

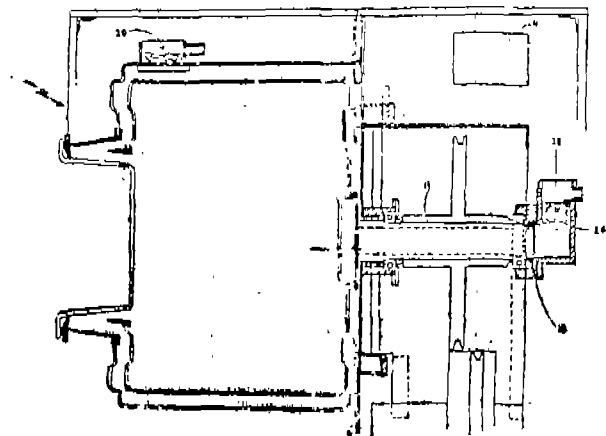
Complete after Provisional specification Filed on 08-08-94

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

03 Claims.

An improved washing machine having at least one chamber in which clothes can be spindried or washed and spindried, the said chamber being provided with means for introducing air into the chamber for drying of washed and spindried clothes retained in the chamber, the said means for introducing air into the chamber being a blower attachment provided at a relatively high location of the machine in its operative configuration for blowing air through a passage with seal, provided in the central shaft of the machine into the said chamber and a lather filter being provided to prevent lather being displaced upwards into the blower pipe and a

vent located at a relatively high location on the chamber in its operative configuration to vent the air and to prevent water and lather from spilling from the machine.



Provisional specification 06 pages, Drawings 01 sheet.
Complete specification 03 pages, Drawings 01 sheet

Ind. Cl. 133B [LIX (3)]

178054

Int. Cl. : H 02 P-1/00
H 02 H-3/00

AN IMPROVED DIRECT-ON-LINE STARTER WITH EXTENDED VOLTAGE AND CURRENT OPERATING LIMITS.

Applicants; SIEMENS LTD. 130 PANDURANG BUDHKAR MARG, WORLI, BOMBAY-400 018 MAHARASHTRA, INDIA.

Inventors ; (1) SHASHIKANT GOVIND NENE
(2) IVAN MORAES
(3) DHANANJAYA DATTATRAYA GOKHALE
(4) PRAKASH ALAMCHAND VASWANI

Application No. 236/Bom/1993 Filed July 28, 1993

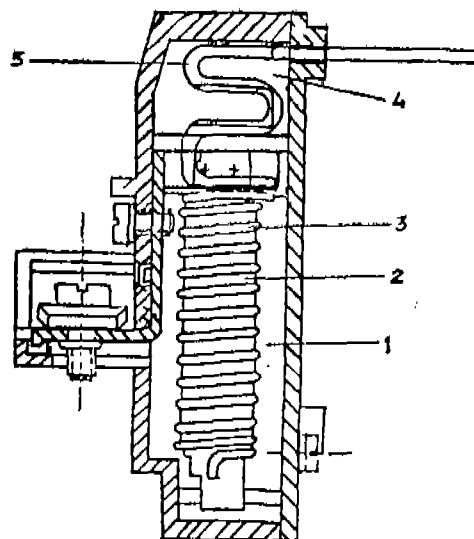
Comp. after prov. left Aug. 31, 1994,

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Bombay Branch.

8 Claims

An improved Direction-line Starter comprising of a Body, provided with a Contactor Housing at one and having a fixed Contactor, said fixed Contactor has fixed and moving Contacts with a gap in between them; said Starter Body has a Moving Magnet and a Fixed Magnet being surrounded by a Contactor Coil, said body also being provided with a Bi-relay mounted below the said Contactor and a Bi-relay Trip Contact serially connected to the said Contactor Coil, characterised in that in the said on-line starter an extension chamber with lead in wire at the top end and a Bi-strip Chamber is provided at the other end, housing a Bi-strip, the said Bi-strip being provided with a Heating element wound around it, said Heating element being actuable connected to a Bi-relay which in turn would de-energise the Contactor Coil so as to de-actuate the said Moving Magnet, which would

finally trip the Starter in the extreme voltage fluctuation/ current exceeding the limit.



Complete specification —13 Pages, Drawings NIL

Provisional —9 Pages, Drawings 4 sheets

Int. Cl. : H01k—9/06

178055

Ind. Cl. : 66 D8[LXIII]

A MULTI FILAMENT LAMP WITH FITTINGS HAVING AUTO SWITCHING ELECTRONIC DEVICE.

Applicant & Inventor: CHETAN KIRIT KUMAR. BADH-EKA. AN INDIAN NATIONAL OF PLOT NO. A-49, OPP. OLD TATA TELECOM, G.I.D.C. ELECTRONICS ZONE, SECTOR 25, GANDHI NAGAR 382 044, GUJARAT, INDIA.

Application No. : 240/BOM/93 Filed on 27-09-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

4 Claims

A multifilament lamp with fittings having auto switching electronic device comprising of a glass bulb provided with a plurality of filaments, generally three, one end of each filament being connected to a common electrode provided inside the bulb and other free end of each filament being connected separately to one each of an electrode, a metal cap being provided to the said bulb and each of the said electrode being soldered to one each of an eyelet or electrically connected at the top of the cap, the said cap being provided with side pins for removably mounting the said cap with the bulb in the bay-not type joining means of a bulb holder, the said bulb holder being provided with four pins for contacting the said four electrodes of the bulb and is fitted at one side of a thermally insulated housing, an auto switching electronic device/ballast, for automatically switching over the next stand by filament when one in operation fuses out, being provided inside the said housing and electrically connected to the said four pins of the holder, two input wires of the said electronic device being taken out from the other side of the housing through a cap fitted to the housing and soldered to the two eyelets provided at the top of the cap, two

side pins being provided to the cap for mounting the housing in the lamp socket the said electrons device/ballast comprises a full wave rectifier consisting of four diodes for converting input AC to D.C. preferably a metal oxide variator provided in the input for safe guarding the electronic circuitary and lamp filaments from high insurge current, each stand by filament being connected through semi conductor switch/logic circuit preferably having two diodes, one resistance, one capacitor, one transistor and one thyristor being connected as herein described and illustrated in fig. 7 for a three filament lamp.

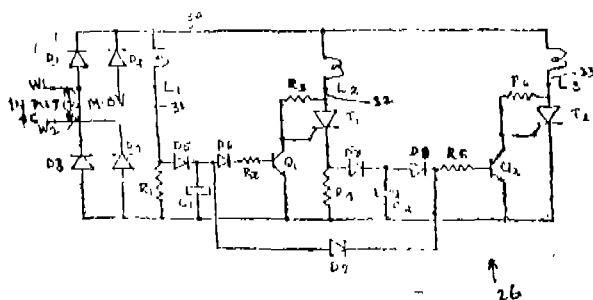


Fig. 7

Comp. specn. 11 pages

Drgs. 2 sheets.

Ind. Cl. : 196 B 1 [2XXVI (4)]

178056

Int. Cl. : F 24 F — 6/02

A CELL TYPE AIR HUMIDIFICATION SYSTEM FOR INDUSTRIAL PURPOSE.

Applicants ; NATIONAL RESEARCH DEVELOPMENT CORPORATION A COMPANY REGISTERED UNDER SECTION 25 OF THE COMPANIES ACT, 1956, of 20-22 ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110 048, INDIA.

Inventors : 1. NILMBHAI JAYANTILAL SHAH
2. SHANKERBHAI PUJIRAM PATEL.

Application No. : 251/Bom/93 ; Filed on 16-08-93.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, Bombay-13.

17 Claims

A cell type air humidification system for industrial purpose, comprising a humidification chamber, means for providing continuous supply of water on to the said humidification chamber, and means for blowing/sucking air through the said humidification chamber, characterised in that said humidification chamber is constituted by one or more cell(s), the or each of said cell(s) having vertically disposed and uniformly spaced layers of fabrics, housed in a rectangular frame, said fabric being of non-hygroscopic, non-cellulosic and non-bio-degradable material, such as herein described, being selected, and/or being duly processed in the manner, such as herein described, to achieve bulkiness, good water holding capacity, absorbancy, spreading and wetting characteristics, whereby required wetted area with high degree of openness is caused to be provided for effective heat and mass transfer between the moving air and the water over the fabric, in the event of air being caused to be move over the wet surface along the width of the fabric layers, which substantially conforms to the depth of the or each of the laid cell (s), said air flow being over said layers of fabric, between said layers of fabric.

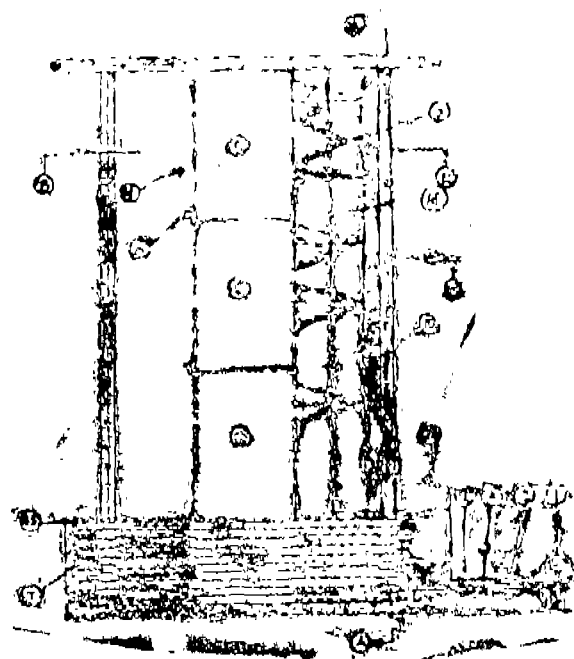


Fig. 1

Complete specialisation—28 pages: Drawings—4 sheets.

Ind. Cl. : 86A, E Gr. [LXVI (4)]

178057

Int. Cl. : A 47 B — 57/00, 96/00

BUILDING ELEMENTS FOR ERECTING STRUCTURES.

Applicants : TRIGON METAL SECTIONS PVT. LTD. an Indian Company, of Shan-Hira, 13, M. G. Road, Pune-411001), Maharashtra State, India.

Inventors : 1. MINESHKUMAR JAYANTILAL PATEL
2. MAINKKUMAR JAYANTILAL PATEL

Application No. : 254/Bom/93 Filed on 16-08-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

5 Claims

Building elements for erecting structures, which comprises alongate "L" shaped upright structural elements having a plurality of protruding punched or moulded recesses formed at pre-determined locations along their length;

joining elements having tongues complementary to the protruding recesses provided on the "L" shaped structural elements to erect a structure; and

longitudinal shelf supporting elements having tongues complementary to the protruding recesses provided on the "L" shaped structural elements to erect a structure.

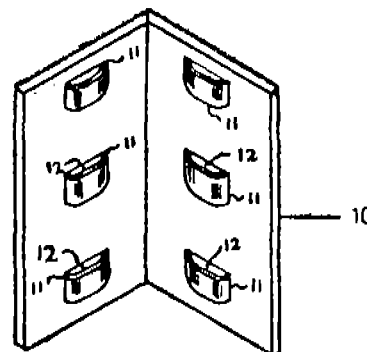


FIG - 1

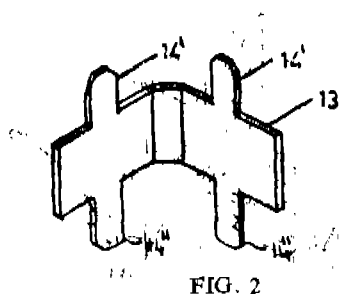


FIG. 2

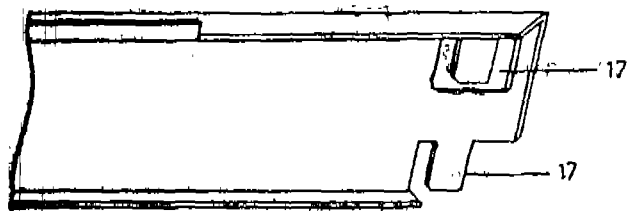


FIG. 3

Complete specification—9 pages: Drawings—4 sheets,

Ind. Cl.: 187.F [L XI (2)] 178058

Int. Cl.: H 04 L—9/00
H 04 M—1/00

AN APPARATUS FOR SELECTIVELY COMMUNICATING A MESSAGE.

Applicant & Inventor : ASHOK DONGRE, 10 USHA HANUMAN ROAD, OPP. CENTRAL BANK, VILE PARLE (EAST) BOMBAY-57, MAHARASHTRA, INDIA.

Application NO.:260/Bom/1993 Filed on Aug. 19, 1993

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-12.

6 Claims

An apparatus for selectively communicating a desired message telephonically, which comprises :

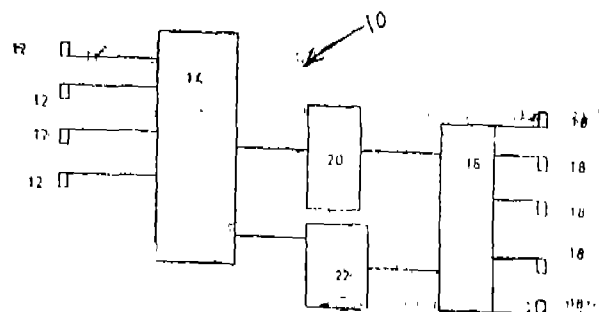
a plurality of signal inputting switches which can input at least one communication seeking signal;

a processor and analyser circuit which can analyse signals received from the plurality of signal inputting switches and can determine the location and the type of signals, received by it from any of the signal inputting switches;

an autodialer circuit which can actuate a plurality of output terminals selectively and sequentially to transmit prerecorded messages to the selected output terminals;

a prerecorded programmable message storage circuit in which a plurality of messages correlated to the communication desired by the signal input switches can be store and which can be selectively retrieved by an actuating signal from the processor and analyser circuit to be transmitted to the autodialer circuit; and

a programmable output terminal indexing circuit in which codes corresponding to a plurality of output terminals can be stored and which can be indexed by the processor and analyser circuit for onward transmission to the autodialer circuit.



Comp. specn. 9 pages:

Drgs 1 sheet.

Ind. Cl. ; 40 A [IV (1)]
39 B [III]

178059

Int. Cl. ; B 01 J - 11/00

A PROCESS FOR THE PREPARATION OF A NOVEL CATALYST COMPOSITE FOR DEHYDROGENATION OF PARAFFINS TO MONOOLEFINS.

Applicants : INDIAN PETROCHEMICALS CORPORATION LIMITED a Government company incorporated under the Companies Act, 1956, of P.O. Petrochemicals, District Vadodara-391 346, Gujarat, India.

- Inventors : 1. RAJESHWER DONOARA
2. ARUN GURUDATH BASRUR.
3. DATTATRAYA TAMMANNASHASTRI GOKAK
4. KARUMANCHI VENKATESHWARA RAO
5. KONDA RAMASWAMY KRISHNAMURTHY
6. ISHWAR SINGH BHARDWAJ

Application No. ; 294/Bom/93 Filed on 13-09-93.

Complete after provisional left on 02-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

22 Claims

A process for the preparation of a novel catalyst composite incorporating a predetermined concentration gradient of active elements within its spatial geometry for use in the dehydrogenation of paraffins to the corresponding monoolefins which comprises incorporating on a percentage by weight basis within a high surface area mesoporous support such as hereinbefore defined.

from 0.1 to 5.0% of a noble metal;

from 0.1 to 5.0% of a metal of Group IV A;

from 0.1 to 6.0 % of a metal of Group III A;

from 0.1 to 10.0% of an alkali or alkaline earth metal element;

from 0.01 to 10.0% of a halogen; and

from 0.1 to 5.0% of a metal of Group VIII selected from Fe, Co and Ni drying the composite in which said active elements have been incorporated, and

subjecting the dried composite to at least one calcination step.

Provisional specification—13 pages, Drawings—Nil

Complete specification—24 pages, Drawings—7 sheets.

Ind. 130 G 178060

Int. Cl. ; BOID, 39/20

Title ; FILTERING ELEMENT FOR STRAINING IMPURITIES FROM MOLTEN METAL.

Applicant & Inventor ; HANUMANT DAMODAR ARJUN WADKAR, A-21 'H' BLOCK, MIDC, PIMPRI, PUNE-411018, MAHARASHTRA, STATE INDIA.

Application : 306/BOM/93 Filed on September, 24 1993
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

A filtering element for removing foreign bodies from molten metal comprising,

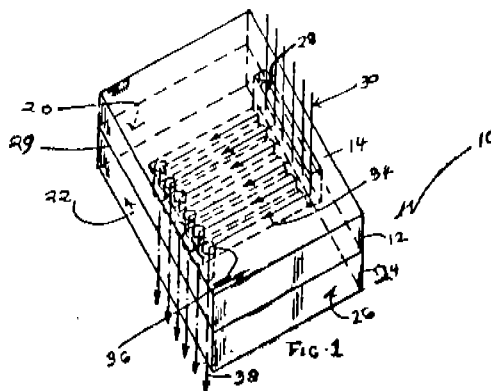
a first flat planar member of heat resistant material defined by an operative top face an operative bottom face and operative lateral faces;

a second flat planar member of heat resistant material defined by an operative top face an operative bottom face & operative lateral faces, the first and second members being in abutment relationship with each other with the operative bottom face of the first member abutting the operative top face of the second member, the seam defining the abutment of the two member being sealed with a heat resistant sealant, at least one aperture defined in the said first member through which molten material can be forced through the first member from the top surface to the bottom surface in an operative vertical plane;

a plurality of grooves formed in the cooperative bottom surface of the first member extending laterally across the bottom face but not extending through the body of the first member thereby defining channels for the flow of molten material introduced into the element through the aperture/s, the plane of flow of molten material in the said channels being perpendicular to the operative vertical plane through which the molten material is introduced through the aperture;

a plurality of perforations defined in the second member, said perforations corresponding to the number of grooves defined in the bottom surface of the first member, said perforations capable of leading molten material from the said channels framed within the element to and from the operative bottom surface of the second member in a plane, substantially parallel to the said operative vertical plane of the aperture and substantially perpendicular to the plane of flow of the molten material through the channels,

the arrangement of the grooves interspersed between the aperture and the perforations defining collecting throughs for collecting foreign particles and slag from the molten material flowing through the channels.



Complete Specification 9 pages, Drawing 1 sheet.

Ind. Cl. ; 152 B 178061

Int. Cl.⁴; Cl⁴—C 08 L 95/00

"A PROCESS FOR PREPARING A BITUMEN COMPOSITION"

Applicants ;SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., a Netherlands Company, of Carol van Bylandtlaan 30, 2596 HR The Hague, The Netherlands.

Inventors ; Mark Anton BERGGREN, U.S.A.

Application No. 811/MAS'90 Filed October 15, 1990.
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

1. a process for preparing a bitumen composition, which process comprises the steps of :

(a) blending a carbon black composition comprising carbon black and containing 0 to 10% by weight of bitumen based on the carbon black composition with a black copolymer composition, the block copolymer composition comprising a block copolymer being ana containing 0 to 10% by weight of bitumen based on the block copolymer composition, the block copolymer being selected from the group consisting of hydrogenated and unhydrogenated block copolymers, the block copolymer, before hydrogenation, comprising at least two blocks A, the Blocks A comprising predominantly polymerised monoalkenyl arene monomer units, and at least one block B, the block B comprising predominantly polymerised conjugated diolefin monomer units, and

b) combining the carbon black composition copolymer blend with a bitumen to form the bitumen composition.

Agent : Depenning & Depenning

(Com. 21 pages, Drwgs-0 sheets)

Ind. Cl. : 40 F 178062

Int. Cl⁴—C 04 B 33/32

"A PROCESS FOR LIQUID PHASE SINTRING OF 4 SILICON CARBIDE"

Applicant ; *Advanced Materials Enterprise Pty. Ltd., art Australian Company, of 360 Collins Street. Melbourne Victoria 3000, Australia.

Inventors ; I. Mark Brain IRIGG, Australia
 2. Dr. John DRFNNAN, Australia
 3. Dr. David Gilbert HAY, Australia
 4. Mr. Chull Hee OH, Australia
 5. Dr. Rainer DIETRICH, Australia

Application No. ; 860/MAS/90 Filed 26 October 1990.

Convention Date ; October 26, 1989 (No. PJ 7094, Australia)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

43 Claims

A process for the liquid phase sintering of silicon carbide, comprising the steps of forming a shaped, consolidated powder body which comprises a powder mixture and binder, with the amount of binder in the powder body being minor relatives the amount of powder the powder mixture containing at least 75 wt% silicon carbide and from 1 to 25wt% (calculated as Al_2O_3) of a powder comprising a source of aluminium selected from alumina, precursors for alumina, and mixtures there of and

heating the powder body to a sinetering temperature of from $1500C^{\circ}$ to $2300C^{\circ}$ in an atmosphere which is substantially non-oxidising at said sintering temperature, to form a liquid phase during the heating step and thereby produce a densified, liquid phase sintered body.

the powder body, in said heating step, being heated in the presence of a source of magnesium which is distinct from the source of aluminium and comprises at least one of magnesia, precursors for magnesia, magnesium vapour and combinations thereof, whereby said liquid phase achieves a transient ternary composition in which it contains silica, magnesia and alumina and produced secondary oxide constituent, said liquid phase being such that the sintered body is essentially/free of exycarbide, said sintered body having a fired bulk density in excess of 2.95 g/cc and substantially comprising equiaxed rounded silicon carbide grains,

Ref. Cited ; U.S. Patent Nos. 4004934, 4124667 & 4354911

(Com. Spn, 96 pages, Drws. 1 sheet)

Ind. Cl. ; 104 P 178063

Int. Cl⁴ : C 08 J 3/24

"A PROCESS FOR THE VULCANISATION OF A RUBBER WITHOUT THE FORMATION OF IRIDESCENT SHEEN."

Applicant: STAMICARBON B.V., of Mijweg 1, 6167 AC Geleen, the Netherlands a Dutch Company.

Inventors : John C. HUDSON, U.S.A.

Application No. 874/MAS/90 Filed October 31st 1990

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

Process for the vulcanisation of a rubber without the formation of iridescent sheen, characterised in that the vulcanization of the rubber is performed in the presence of an accelerator composition comprising a dithiodimorpholine, a dithiocarbamate accelerator and a benzothiazyl disulfide accelerator wherein each component of the said accelerator composition

is present in an of the amount of 1.5 to 33.3 parts by weight per hundred parts of accelerated composition.

Agent ; Depenning & Depenning

(Com. 17 pages; drawg)—0 sheets,

Ind. Cl. - 113-I 178064

Int. Cl⁴ - B 60 Q 1/14

"AN APPARATUS FOR AUTOMATIC DIM AND BRIGHT CONTROL FOR THE HEADLIGHTS OF MOTAR VEHICLES".

Applicant : PERIATHABI GOPALSAMY JAYAPALAN AN INDIAN CITIZEN, OF 11/B MAHAMARI AMMAN KAIL STREET, MANNARGUDI-614 001, TANJORE, TAMIL NADU .

Inventor : PERIATHABI GOPALSAMY JAYAPALAN, TAMIL NADU.

Application No. 923/Mas/90, filed November 15, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

An apparatus for automatic dim and bright control for the head-lights of motor vehicles comprising a housing having an opening for receiving light rays directed to the said opening, a terminal block fixed to the said housing with plurality of connecting terminals, sensing means for sensing the light rays of on coming vehicles entering through said opening, the output of the said sensing means being connected to an actuating means to actuate a dim-bright control switch in response to the signal received from the sensing means and an ON/OFF switch for manual control of the operation of the said dim-bright control switch through which the filaments of the head lights are connected.

Agent : Depenning & Depenning

(Com. 10 pages; Drwgs : 1 Sheet)

Ind. Cl. - 32 F 4 178065

Int. Cl⁴ - C 07 C 143/00.

"A PROCESS FOR SEPARATING AND RECOVERING PARAFFIN SULPHONIC ACIDS FROM MIXTURES WITH WATER AND SULPHURIC ACID".

APPLICANT : ENIRICERCH S p A. A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF CORSO VENTIZIA 16, MILAN, ITALY AND ENIMONT AUGUSTA SpA. A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA RUGGERO STTIMO 55, PALERMO, ITALY.

Inventors ; I. CALOGERO GENOVA, ITALY

2. IRENA BLUTE, SWEDEN

3. EDOARDO PLATONE, ITALY.

Application No. 951/Mas/90 filed November 26, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for separating and recovering paraffin sulphonic acids from mixtures with water and sulphuric acid, comprising the steps of :

adjusting the cocentration of the sulphuric acid in the initial mixture to not more than 80% by weight;

bringing the said mixture into contact under extraction conditions with a saturated aliphatic or cycloaliphatic liquid hydrocarbon;

separating an aqueous liquid phase containing sulphuric acid from an organic liquid phase consisting of the extraction solvent containing the paraffin sulphonic acids; and

recovering the paraffin sulphonic acids from said organic liquid phase.

(Com. 13 pages; Drwgs. - 7 Sheets)

Ind. Cl - 190 B

178066

Int. Cl.⁴ - F 01 D 21/18.

"A DRIVE FOR A FEED VALVE".

Applicant : ASEA BROWN BOVERI LTD., OF CH-5401 BADEN, SWITZERLAND. A SWISS COMPANY.

Inventors : RICO PLANGGER, SWITZERLAND.,

Application No. 1003/Mas/90, filed December, 12, 1990.

Appropriate Office, for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A drive for a feed valve comprising a hydraulically pressurised actuating line, means for controlling the pressure in the actuating line consisting of the three valves connected to one another to form an hydraulic auctioneering circuit, a test system pressurisable through the said means for controlling the pressure a sensor means, for sensing pressure drop in the test system wherein three of non-return valves are provided on each of the connecting lines between the valves and the test system, to permit through flow of the fluid in the direction of the said valve.

(Com. 15 pages; Drwgs. 5 Sheets)

Ind. Cl. - 32 F 4

178067

Int. Cl.⁴ - C07 C139/00.

"PROCESS FOR PREPARING A SULPHONATED SALT, FROM A PETROLEUM ASPHALT FRACTION".

¹ Applicant: ENIRICERCHES.p.A & SNAMPROGETTI S.p.A., BOTH COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF CORSO VENEZIA 16-MILAN, ITALY.

Inventors : 1. ALDO PREVEDELLO, ITALY.,
2. EDOARDO PLATONE, ITALY.
3. ELIO DONATI, ITALY.

Application No. 1023/Mas/90, filed 17, December 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for preparing a sulphonated salt from a petroleum asphalt fraction obtained after extracting propane therefrom, the said asphalt fraction containing as insoluble products more than 50 wt % of resins, 10 to 20 wt% of asphaltenes and 10 to 20 wt% of aromatics, further extracting the said insoluble products with a C₅ to C₇ aliphatic hydrocarbon, and if desired, to obtain an asphaltene having an average molecular weight, of between 600 to 7000, comprising reacting the said asphalt fraction dissolved in an inert solvent with liquid or gaseous sulphur trioxide at a temperature between 0 to 60°C the weight ratio of SO₃ to the said asphalt fraction being between 0.7 : 1.2: 1, satisfying the sulphonated fraction obtained thereby with an aqueous solution of an

alkaline, alkaline earth metal or ammonium hydroxide and thereafter recovering the sulphonated salt, from the reaction mixture by known methods.

(Com. 20 pages; Drawings. 0 Sheet)

Ret Cited : U. S. Patent Nos. 3970690 & 4541965

Ind. Cl - 10 B

178068

Int. Cl.⁴ - F 42 B 1/00.

"A DELAY DETONATOR FOR DETONATING AN EXPLOSIVE CHARGE".

Applicant : IRECO INCORPORATED, A CORPORATION OF THE STATE OF DELAWARE, OF ELEVENTH FLOOR CROSSROADS TOWER, SALT LAKE CITY, UTAH 84144, U.S.A.

Inventors : 1. DANIEL C RONTHEY, U.S.A.
2. DONALD BIGANDO, U.S.A.
3. FRANK WOLFEIL, U.S.A.

Application No. 025/Mas/91 filed on January 17, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A delay denonator for detonating an explosive charge comprising a tubular member (4) having a closed end (8) and an open end, a base charge (40) disposed in the closed end of the tubular member and capable of detonating the explosive charge when ignited, a delay train charge (36) disposed adjacent to the base charge for burning in response to an ignition signal to thus ignite the base charge, an ignition source disposed in the tubular member near the open end for developing an ignition signal and transition means (28) disposed between the delay train charge and the ignition source and responsive to an ignition signal from the ignition source for igniting to achieve a substantially, steady state combustion rate and then ignite the delay train charge.

(Com. 12 pages; Drwgs. 1 Sheet)

Ind. Cl. - 37-B

178069

Int. Cl.⁴ - B 07B 7/00

"PNEUMATIC CENTRIFUGAL SEPARATOR".

Applicant : F C B 38, RUE DE LA REPUBLIQUE 93100 MONTREUIL, FRANCE A FRENCH COMPANY.

Inventor : Mr. ALAIN CORDONNIER, FRANCE .

Application No. 049/Mas/91 filed January 24, 1991.

Appropriate Office for Opposition Proceedings, (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A pneumatic centrifugal separator comprising (a) vertical guide vanes disposed along a circle having a verticle axis, the guide vanes being adapted to impart to a gas stream flowing from the outside of the guide vanes towards the said axis a rotary motion about the axis,

(b) a rotor coaxially positioned in the interior of the vanes, the rotor being equipped with

- (1) a first set of vertical blades distributed uniformly along its periphery and,
- (2) a second set of blades disposed between the blades of the first set and the rotor axis,

(c) means for introducing a gas stream and particulate material to be sorted between the guide vanes and the rotor and

(d) a central outlet in the rotor through which the gas stream charged with particles of dimensions smaller than pre-determined dimensions and sorted out of the particulate material is drawn out,

(1) the second act of blades being arranged to guide the stream of gas coming through channels defined between adjacent ones of the vertical blades of the first set to the central outlet.

Inventor : 1. JURGEN KALLMANN, GERMANY.

Application No. 143/Mas/91 filed on February 20, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A method of manufacturing strengthened and/or twisted yarn package from feed yarn of low strength loosely wound on a winding tube comprising the steps of :

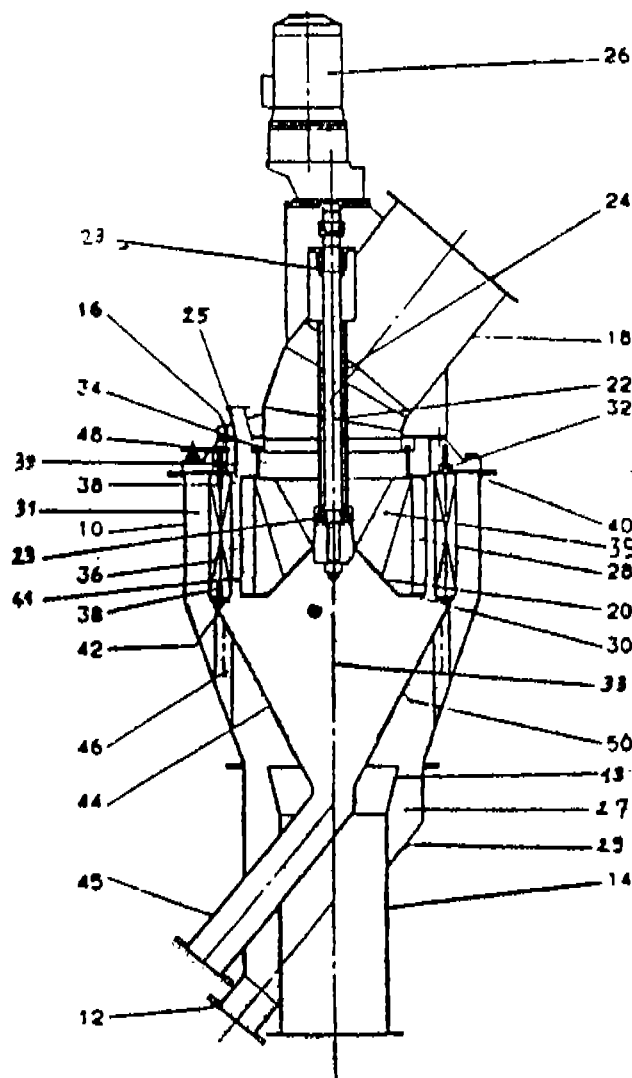
(a) inserting the wound yarn package (4) with the winding tube (3) into a spindle pot (6; 11);

(b) rotating the spindle pot (6; 11) with the wound yarn package (4);

(c) removing the winding tube (3) subsequently from the wound yarn package (4); and

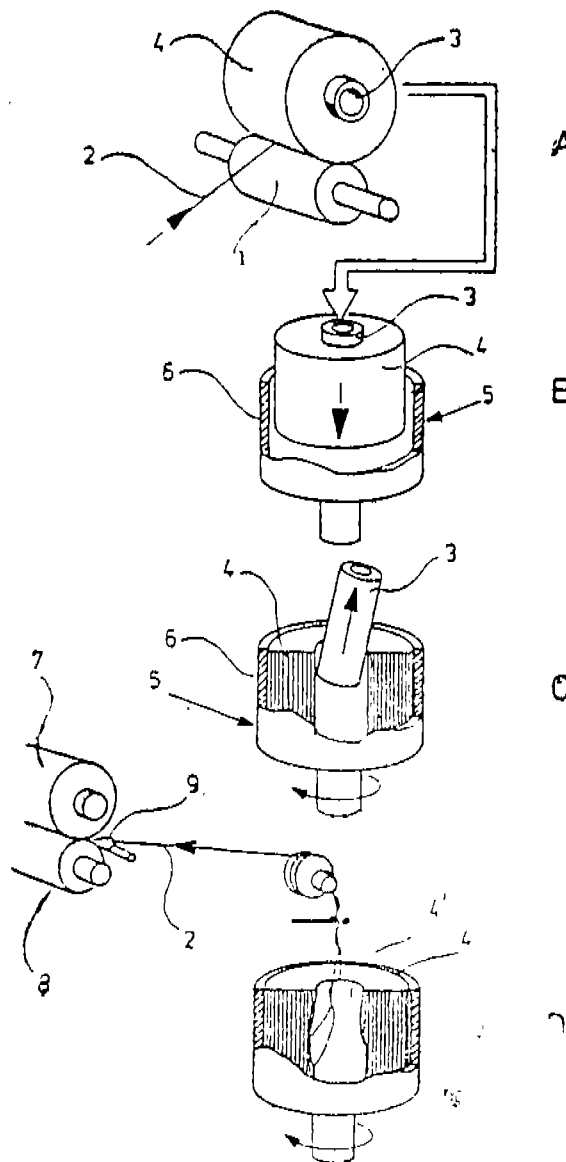
(d) withdrawing the feed yarn (2) from the inside surface (4) of the yarn package (4) and winding it to a twist yarn package (7).

Reference to German Patent No. 572050 has been made.



(Com. 20 pages;

Drwgs. 2 Sheets)



(Com. 12 pages; Drwgs - 2 Sheets)

Ind. Cl. - 172-B

178070

Int. Cl⁴ - D 01 H 7/74; D 01 H 1/08.

"A METHOD FOR MANUFACTURING STRENGTHENED AND/OR TWISTED YARN PACKAGE FROM FEED YARN OF LOW STRENGTH LOOSELY WOUND ON A WINDING TUBE".

Applicant : PALITEX PROJECT-COMPANY GmbH
WEESERWEG 60. 4150 KREFELD 1, GERMANY, A
GERMAN COMPANY.
4-487 GI/96

Ind. Cl. : 189 [LXVI (8)] 178071

Int. Cl. : A 61 K 7/075, 7/08, 7/50.

A RINSE-OFF CLEANSING COMPOSITION FOR HAIR AND SKIN.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors : (1) DAVID HOWARD BIRTWISTLE
(2) GERALD JOSEPH O' SHEA
(3) MICHAEL JOHN PARKINGTON

Application No. 10/Bom/1993. Filed Jan 13, 1993.

U. K. Convention Priority date JAN 15, 1992.

Appropriate Office for Opposition Proceedings ("Rule 4 Patent Rules 1972), Patent Office Branch, Mumbai-13.

16 Claims

A rinse-off cleansing composition including one or more surfactant-soluble cosmetic agents for deposition onto hair or skin the composition comprising a stable emulsion having a continuous phase comprising one or more surfactants and an internal phase comprising one or more oil materials, wherein the internal oil phase contains the said one or more surfactant-soluble cosmetic agents.

(Complete Specification 25 pages ; Drgs. Nil)

Ind. Cl. : 201 C 178072

Int. Cl. : C 02 F-1/28

B 01 J-20/20.

METHOD OF TREATING A LIQUID MEDIUM WITH A SORBING AGENT TO REMOVE MATTER THEREFROM.

Applicants: M/s. HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors : (1) KEITH ROBERT COCKETT
(2) MARTIN CONCANNON
(3) ROBERT MACDONNELL HUNTER
(4) ANTHONY LEONARD LOVELL
(5) ANTHONY NOCK
(6) MAURICE WEBB
(7) RODERICK TERENCE WHALLEY.

Application No. 85/Bom/1993 Filed on 26-03-93, U.K. Dt. 28-03-1992.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules 1972), Patent Office Branch, Mumbai-13.

33 Claims

A method of treating a liquid medium to remove from it matter present thereto, which method comprises adding to the liquid medium at least one of an at least partially undried sorbing agent (a), a freshly prepared sorbing agent (b) and in-situ sorbing agent(c).

which sorbing agent (a) comprises a hydrotalcite-like material resulting from the preparation thereof in a liquid reaction medium which preparation allows retention, in the hydrotalcite-like material, of at least 10% of free liquid, based on the weight of the hydrotalcite-like material, including the free liquids, and

(a) which sorbing agent is present in an amount, on a dry weight basis, of the sorbing agent, by volume of the liquid medium to be treated, of < 0.035% w/v. or

(a)" the preparation of the hydrotalcite like material is such as to provide a grain size of the hydrotalcite-like material of < 130A, as measure in the < 0001 > direction by x-ray diffraction on a subsequently dried material;

which sorbing agent (b) comprises a hydrotalcite-like material resulting from the preparation thereof in a liquid reaction medium and present in the reaction medium without substantial removal of the reaction medium; and

which sorbing agent (c) comprises a reaction mixture capable of forming, in-situ, in the contaminated liquid medium, a hydrotalcite-like material.

(Comp, Specn. 61 Pages;

Drgs. 2 Sheets)

Ind. Cl. : 61 G, H, K (VIII)

178073

Int. Cl. : F 26 B - 3/22, 13/00

15/00, 17/00

C I O L 5/44

PROCESS AND THE PLANT TO GASIFY SUGAR-CANE FIBRE.

Applicants : ZUCKER GASIFICATION AND CO-GENERATION PVT. LTD. 42, AMAR CO-OP. SOCIETY, PARAMESHWARI, ERANDAWANA PUNE-411 004, MAHARASHTRA STATE, INDIA. AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

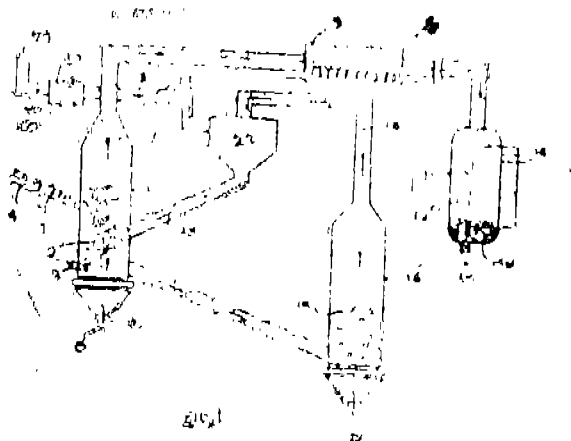
Inventor ; ARUN GAJANAN

Application No 96/Bom/93 dated 06-04-93.

Appropriate Office for Opposition Proceedings (Rule 4; Patent Rules 1972), Patent Branch, Mumbai-13.

2 Claims

Process to gasify sugarcane fibre comprising heating of bagasse in the gasifying vessel(2) having a source of hot air from below wherein the bagasse is fluidised and heated to a temperature of 750 C whenceupon the moisture contained in the bagasse will get instantly released and which will act with free carbon in the fluidised bagasse to produce a mixture, (7) of gases comprising Carbon Monoxide, hydrogen and also some steam, the said mixture is taken away from top (8) to waste heat recovery boiler (9) wherein heat in the said mixture is absorbed by water and blast of air independently circulating in tuns, the mixture of gases now at 150 C is taken to a scrubber unit (11) wherein solids and ash particles(12), if any, and also the steam will get separated and removed from bottom (14) while the mixture of Carbon Monoxide, Hydrogen and Methane now at temperature of around 60 To 80 C is carried to the combustion chamber of the boiler(6); another combustor(16) wherein sand or aluminium silicate is heated and the hot sand or aluminium silicate is infused in the gasifier chamber to heat recovery boiler(9) before escaping through chimney after passing through the cyclone separator.



(Comp. Specn. : 7 Pages

Drwgs, 1 Sheet.)

Ind. Cl. : 127 H [LXV(1)] 178074

Int. Cl. : F 16 H, 21/26, B 30 B-1/10.

A MULTIPLE TOGGLE LINKAGE AS A FORCE TRANSMITTING MODULE FOR A TOGGLE TYPE PRESS OR OTHER MECHANISM,

Applicants : NARAYAN JANARDAN CHOUBAL, A/4, SAHAYAGIRI, CONAWALA ROAD, GOREGAON (E), BOMBAY-400 063, MAHARASHTRA, INDIA.

Inventor : SUSHEEL NRAYAN CHOUBLE.

Application No. 121/Bom/93 filed on April 23, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 0113.

Claims

A multiple toggle linkage as a force transmitting module for a toggle type press or other mechanism comprising at least two pairs of links, each pair consisting of two links, one end of a link of the said first pair of the links being connected to a movable ram moving in the guides provided in the frame of the toggle press, the other end being pivoted in the middle of the second link of the said first pair of link, one end of which is rigidly connected to the frame with the help of a pivot, the other end of the second link of the first pair being connected to the one end of the first link of the said second pair of links, the first and second link being pivoted together at one end and the free end of the second link of the said second pair of links being movably supported into a slot provided in the frame with the help of a pivot, an adjusting device such as a stud having a locking nut being provided in the said frame for adjusting the position of the free end of the said second link of the said second pair inside the said slot.

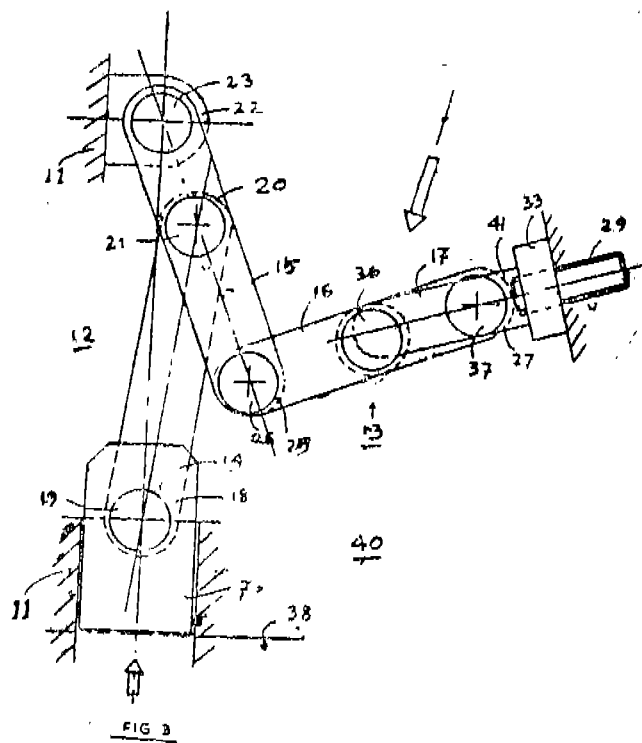


FIG 3

(Comp. Specn. 6 pages;

Drgs. 3 sheets.)

Ind. Cl. : 157 D 4, Gr. [L] 178075

Int. Cl. : E 01 B 11/56.

A RAIL COUPLING (RAIL JOINT) AND A METHOD OF MANUFACTURING THE SAME.

Applicant & Inventor : SURU SHANTILAL MISTRY AN INDIAN NATIONAL, B-29, B. R. COTTON MILL CHAWL, S. B. MARG, NHAR KEWAL IND. ESTATE, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA.

Patent Application No. 152/Bom/93 filed on 13-05-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

12 Claims

A coupling for tracks, particularly rail tracks, comprising a male rail end element rigidly securable axially to a first rail, said male rail end element consisting of at least one tine;

a female rail end element, rigidly securable axially to a second rail coaxial with the first rail, said female rail end element defining at least one longitudinal recess for receiving the said at least one tine of the male rail end element there-within, in the operative configuration of the coupling; and

bolting means for bolting the said male rail end element to the said female rail end element.

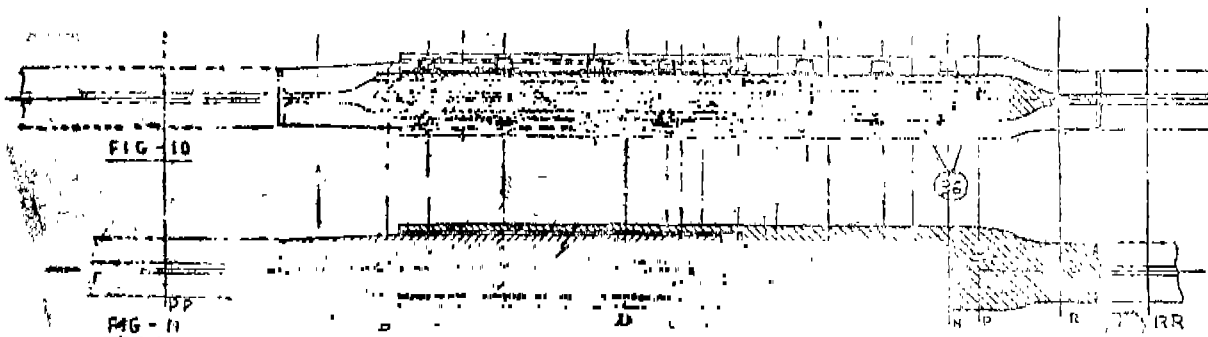


FIG - 10

FIG - 11

(Comp. Specn. 20 pages;

Drgs. 3 sheets.)

Ind. Cl. : 189 [LXVI (9)]

178076

Int. Cl. : A 61 K 7/50.

C 01 F 11/18.

A VISCOUS LIQUID SKIN WASHING COMPOSITION.

Applicants : M/s. HINDUSTAN LEVER LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA. INDIA.

Inventors : (1) ROBERT STANLEY LEE

(2) DAVID SERRIDGE.

Application No. 16I/BOM/93 filed on 20-5-93.

U. K. Priority date 21-5-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

7 Claims

A viscous, liquid, skin washing composition water, at least one anionic surface active agent in an amount from 10 to 30 wt%; abrasive particles in an amount from 5 to 15 wt% and a viscosifier in an amount from 1 to 2 wt%, characterised in that the viscosity of the composition is in the range 4000—8000 mPas measured at a shear rate of 10 S⁻¹, the particles have a specific gravity of 1.4.

(Comp. Specn. 15 pages;

Drg. Nil.)

Ind. Cl. : 1/13 I (XXX)

178077

Int. Cl. : B 60 G 1/06.

AN IMPROVED HEADLIGHT CIRCUIT SYSTEM OF TWO WHEELER.

Applicant & Inventor : FRANCIS ROY DIAS, INDIAN NATIONAL OF 56 VAKOLA VILLAGE, SANTACRUZ (EAST), BOMBAY-400 055, MAHARASHTRA, INDIA.

Application No. 165/BOM/93 filed on 25th May 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

2 Claims

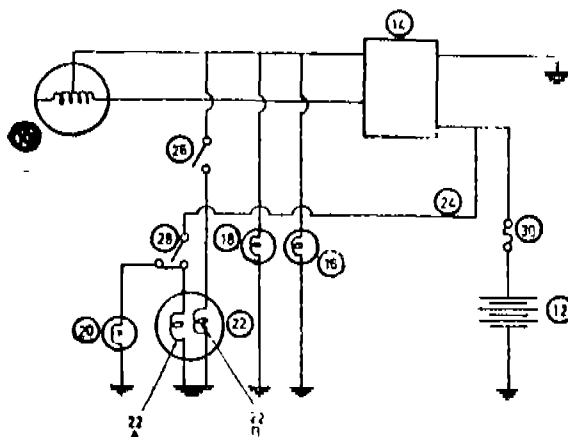
An improved headlight circuit system of two wheeler, comprises :

an alternator, dynamo and a battery connected in series;

a rectifier connected between the said alternator/dynamo and the battery; and

bulbs, including headlight bulb having a pair of filaments for illuminating low-beam and hi-beam light, connected on line between the said alternator/dynamo and the rectifier/regulator, having contact switches to illuminate one filament at a time either with current supplied by the alternator/dynamo or the battery;

said contact switch to illuminate low beam filament of headlight is connected to dynamo or alternator output and said second contact switch to illuminate high beam element is connected to battery supply such that simultaneously both high beam and low beam filament may be illuminated fig 2 size 4.



(Comp. Specn. 7 pages;

Drgs. 2 sheets.)

Ind. Cl. : 53 C [L11 (5)]

178078

Int. Cl. : B 62 M 9/10, 11/02.

DRIVE SYSTEM IN BICYCLE AND BICYCLE HAVING THE SAME DRIVE.

Applicant & Inventor : KHAN MUBEEN AHMED, P.O. NIWAS, DIST. MANDLA, M. P., INDIA,

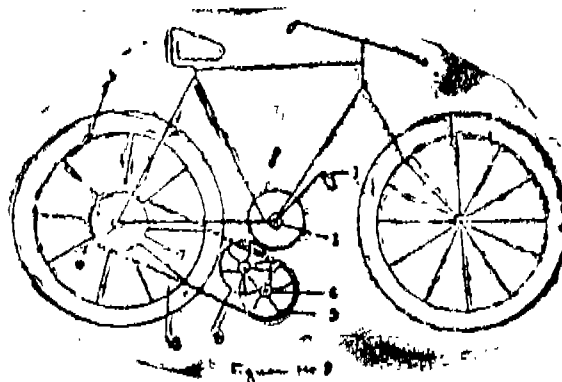
Application No. 172/BOM/93 filed May 28, 93.

Complete after provisional left Mar 1, 94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 013.

4 Claims

A drive system for bicycle comprising of a big gear which is mounted on the central axle of the bicycle and rotatable by the rotation of the pedals, a medium size gear mounted; below the big gear at an angle and in toothed engagement therewith, a chain gear mounted below the medium size gear at an angle thereto and having fixed on its axle a small gear which is in toothed engagement with a medium size gear, and a big free wheel mounted on the axle of the rear wheel of the bicycle and connected to the chain gear through a chain such that the rotational movement of the pedal is transmitted to the free wheel through the big medium, and small gears, and the chain gear characterised in that the said chain gear and free wheel of size of said, medium gear and said free wheel to act as fly wheel for smooth riding of bicycle.



(Comp. Specn. 7 pages;

Drgs. 1 sheet.)

(Prov. Specn. 4 pages;

Drgs. 1 sheet.)

Ind. C. : 50A, Gr. [VII]

178079

03 Claims

Int. Cl. : B 65 D 85/72.

A THERMALLY INSULATED RIGID CONTAINER AND A METHOD OF MAKING THE SAME.

Applicants : EAGLE FLASK INDUSTRIES LIMITED.
AN INDIAN COMPANY AT TALEGAON-410 507, MAHARASHTRA, INDIA.

Inventor : ALIMOHAMED CHHAGANBHAI PADAM-SEE.

Patent Application No. 180/Bom/93 filed on 9-6-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400 0113.

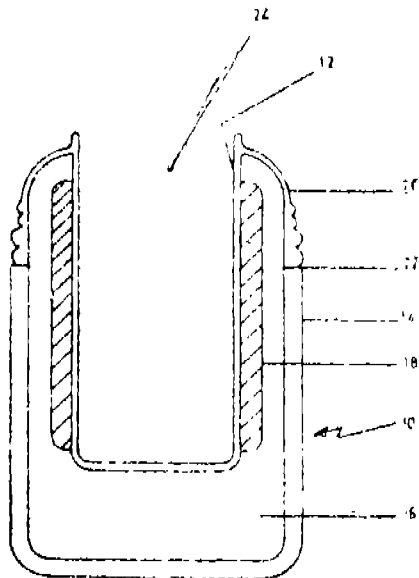
7 Claims

A thermally insulated rigid container comprising :

an inner shell of a rigid material capable of receiving and storing liquids for dispensing;

an outer shell spaced apart from the inner shell and securable thereto; said outer and inner shells defining in their operative configuration an annular space therebetween which is filled with an insulating foam such as polyurethane foam; and

a flexible expandable pouch type sleeve containing a solution with relatively low freezing point, which sleeve can be friction fitted over the inner shell before the annular space between the inner and the outer shells is fitted with insulating foam.



(Comp. Specn 6 Pages;

Drgs. 1 sheet.)

Ind. Cl. : 70 A, Gr. [LVIII(5)]

178080.

Int. Cl. : C 25B-9/00; 9/04.

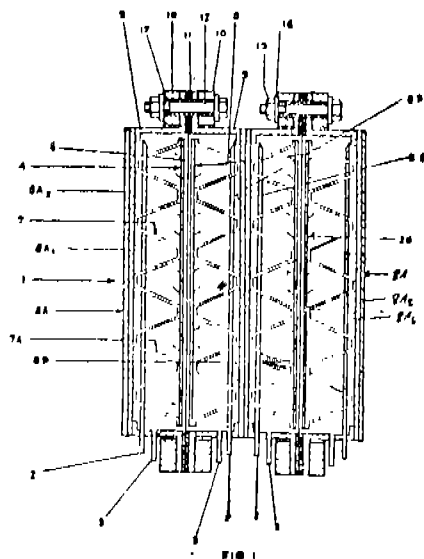
A FILTER-PRESS TYPE MEMBRANE CELL ELECTROLYSER FOR ELECTROLYSIS OF ALKALI METALHALIDES.

Applicant & Inventor ; MADHU JIVANLAL SARAIYA,
AN INDIAN CITIZEN AND PROPRIETOR OF CHEMAPOL INDUSTRIES, 55 ALLI CHAMBERS, TAMARIND LANE, BOMBAY-400 023, MAHARASHTRA, INDIA.

Patent Application No. 183 Bom 93 filed on 11-6-93.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, Bombay-400 013.

A filter-press type membrane cell electrolyser for electrolysis of alkali metal halides consisting of, among other features or parts, a plurality of electrolysis cells assembled together in tandem, each of said cells comprising a housing provided with feed lines and discharge lines and enclosing an anode and a cathode separated by a membrane abutting said anode and cathode, each of said anode and cathode being associated with reinforcement cum current distributors formed of a series of repeating V-shaped elements in a single plane, said housing being formed of a pair of spaced apart flat electrically conducting bimetallic members fitted onto flanges running around the peripheries thereof, said flanges being sealed onto said membrane in a gas/liquid leakproof manner, each of said bimetallic members comprising two different metal layers bonded (joined) together in abutment, said reinforcement cum current distributors corresponding to said anode being positioned between said anode and one of said bimetallic members and fixed thereto and said reinforcement cum current distributors corresponding to said cathode being positioned between said cathode and the other of said bimetallic members and fixed thereto said anode and corresponding reinforcement cum current distributors and flange and abutting one layer of said one bimetallic member being made of the same metal and said cathode and corresponding reinforcement cum current distributors and flange and abutting one layer of said other bimetallic member being made of the same metal and each of said anode and cathode comprising a plurality of conductors arranged parallel to one another in spaced apart relationship and interconnected and reinforced by spaced apart cross members, said bimetallic member between adjacent cells interconnecting said cells and forming a common partition wall of large surface area with zero electrical resistance at the interface thereof, each of said anode and cathode being provided with gas deflecting baffles fixed thereto and directed away from the membrane towards the respective bimetallic member.



(Comp. Specn. ; 12 pages

Drgs. : 03 Sheets)

Ind. Cl. : 40-F

178081.

Int. Cl. : C 07 C 126/08.

A PROCESS FOR THE PURIFICATION OF THE EFFLUENT ORIGINATING FROM UREA PRODUCTION PLANTS AND CONTAINING AMMONIA, CARBON DIOXIDE AND UREA AS POLLUTANTS.

Applicant: SNAMPROGETTI S.P.A. A COMPANY ORGANISED UNDER THE LAW OF THE ITALIAN REPUBLIC OF CORSO, VENEZIA 16, MILAN, ITALY.

Inventor : FRANCO GRANELLI.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

Drwgs. : 2 Sheets).

—stripping the said effluent to be purified in a first stage, with steam to release the volatile components such as ammonia and carbon dioxide, which are then recycled to, the urea production plant in the liquid or vapour phase;

—hydrolyzing the effluent obtained from the preceding stage, in a second stage, to decompose the non-volatile components such as; urea and biuret, said decomposition being conducted at a pressure of 20—40 bars gauge, at a temperature of 200—240°C and with a residence time of 20—40 minuts, in a plurality of successive zones traversed with piston flow, and from each of the zones a vapour phase containing non-volatile components is released which is combined with the vapour steam obtained from the stripping stage to be then recycled to the urea production plant; and

—further stripping the effluent which has undergone hydrolysis, in a third stage, with steam the stripping stage being conducted at a pressure of 1.5–4 bars gauge and at a temperature of 128–150°C to obtain the purified effluent.

(Com. : 17 pages; Drwgs. : 2 Sheets)

Ind. Cl. : 23 H XL 178082.
Int. Cl.⁴ : G 12 B 9/02.

A HOUSING FOR ELECTRICAL AND ELECTRONIC RELAYS AND INSTRUMENTS.

Applicant: JVS. ELECTRONICS PVT. LTD., AN INDIAN COMPANY, OF NO. 1/2, 5TH BLOCK, RAJAJI NAGAR, BANGALORE-560 010, KARNATAKA STATE. INDIA.

Inventors : MANCHANA HALLY VENKATARAMA
SHASTRY SATHYANARAYANA, KARN/TAKA STATE.
INDIA.

Application No. 708/Mas/90 filed on September 5, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A housing for Electrical and Electronic relays and instrument which consists of an hollow body in which is housed a withdrawable chasis, the chasis bening slid into the body with the help of two chasis guides provided along the side wafts of, the enclosure, a hinged door with a full size view glass to enable the enclosure to be closed, two locking levers being fixed onto the side walls, the chasis being provided with projections which correspond to the slots provided in the locking levers.

178083.

Int. Cl.⁴ : D 05 B 69/36.

APPARATUS FOR DETECTING AN IMPROPER
STITCH FOR A LOCKSTITCH SEWING MACHINE.

Applicant : THE CHARLES STARK DRAPER LABORATORY, INC., A MASSACHUSETTS CORPORATION, OF 555 TECHNOLOGY SQUARE, CAMBRIDGE MASSACHUSETTS 02139, U.S.A.

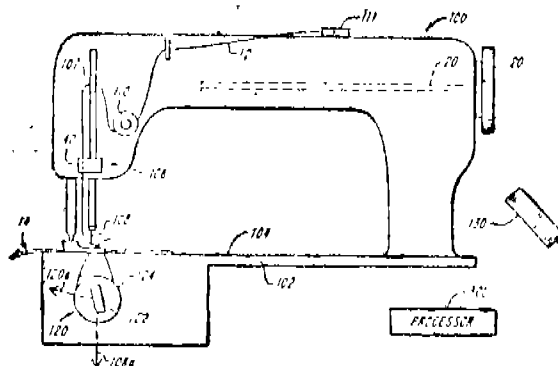
Inventors: (1) RICHARD K. ARAUJO, U.S.A. (2) STEPHEN L. BELLIO, U.S.A.

Application No. 719/Mas/90 filed September 11, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

Apparatus for detecting an improper stitch for a lockstitch sewing machine, comprising an axially reciprocal needle to incorporate at least one needle thread into a succession of stitches, said needle being movable along a longitudinal needle axis; a reciprocal take-up lever; a drive motor having an output shaft and associated means for driving said needle through at least one reciprocal motion per stitch; a rotatable bobbin assembly including means for incorporating a bobbin thread and said needle thread into said stitches during one stitch cycle; needle thread detectional means for detecting needle thread movement along said longitudinal needle treated axis between said take-up lever and said needle during a predetermined portion of said stitch cycle; shaft rotation means for detecting each of said output shaft rotations; signal means for identifying a stitch signal corresponding to said predetermined portion of said stitch cycle wherein substantially no needle thread movement is detected, said stitch signal being indicative of formation of an improper stitch.



(Com. : 23 pages;

Drwgs. : 4 Sheets).

Ind. Class : 175-H 178084
Int. Cl.⁴ : F 16 J 1/01.

"A THERMALLY INSULATED PISTON FOR AN INTERNAL COMBUSTION ENGINE".

Applicant : INDIA PISTONS LIMITED, AN INDIAN COMPANY OF HUZUR GARDENS, SEMBIAM, MADRAS-600 011.

Inventor : RAMAMURTHI MAHADEVAN, MADRAS.

Application No. : 725/Mas/90 filed on September 14, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A thermally insulated piston for an internal combustion engine, said piston having a crown and a body, Characterised in that a thin layer of ceramics is provided in between the crown and the body.

(Compl. : 8 pages; Drwgs : 1 Sheet)

Ind. Cl. 108 C3 178085
Int. Cl.⁴ : C 22 B 9/18.

"AN IMPROVED PROCESS FOR PRODUCING REFINED INGOTS OR CASTINGS WITH IMPROVED PROPERTIES".

Applicant : INDIAN SPACE RESEACH ORGANISATION, AN GOVERNMENT OF INDIA ORGANISATION, OF ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-560054. INDIA.

Inventors : (1) DR. MADASAMY SUBRAMANIAM NAGASWAMY BALASUBRAMANIAN, INDIAN
(2) PEJAWAR KRISHNA RAO, INDIAN
(3) KRISHNA MOHAN GUPTA, INDIAN.

Application No. : 746/Mae/90, filed on September 19, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch,

5 Claims

An improved process for producing refined ingots or castings with improved properties comprising electrosleg refining and casting with inoculation, characterized by pre-casting the steel or steel alloy in the form of electrode, distributing the inoculants or alloying element uniformly along the length of the electrode, remelting under the slag by passing current to obtain the required size and shape of the refined ingot.

(Compl. : 12 pages; Drwgs. : 2 Sheets)

Ind. Cl. : 97 F 178086
Int. Cl.⁴ : H 05 B 7/06.

"ELECTRIC CONNECTION DEVICE INTENDED TO BE PLACED IN THE WALL OF A, METALLURGICAL CONTAINER IN CONTACT WITH MOLTEN METAL".

Applicant : INSTITUTE DE RECHERCHES DE LA SIDERURGIE FRANCAISE (IRSTD EN ABREGE), OF IMMEUBLE ELYSEES-LA-DEFENSE-19, LE PARVIS-LA DEFENSE 4-92800 PUTEAUZ (FRANCE).

A FRANCH COMPANY.

Application No. : 758/Mas/90 filed on September 25, 1990.

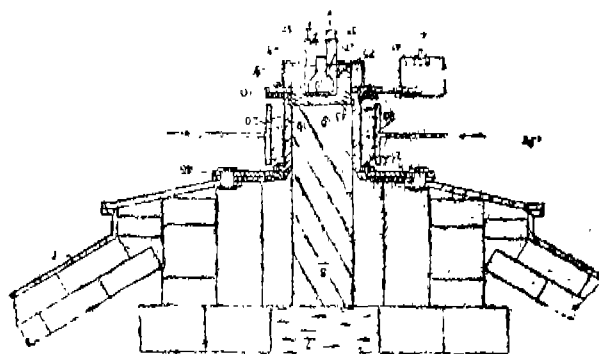
Inventors : (1) MR. MICHEEL HAMY, FRANCE,
(2) MR. GHISLAIN MAURER, FRANCE
(3) MR. CHRISTIAN LEBRUN, FRANCE
(4) MR. JEAN-CLAUDE GROSIEAN, FRANCE.

Application No. : 758/Mas/90 filed on September 25, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

3 Claims

Electric connection device intended to be placed in the wall of a metallurgical container or furnace containing a molten metal mass, said device comprising : an elongated metal body intended to be inserted if and extended through the wall of the container so that one of its ends is put in contact with the molten metal and the other end constitutes an end part projecting outside the container and connected to a terminal of an electric supply; a sleeve composed of a material which is a good heat conductor mounted concentrically with the projecting end part of the body; and means for cooling the sleeve with a cooling fluid, such as water; said device characterized in that said sleeve cooling means comprise at least rack of nozzles which spray the cooling fluid onto the outer wall of the sleeve.



(Compl. : 9 pages; Drwgs : 1 Sheet)

Ind. Class : 172-D4 178087
Int. Cl.⁴ : D 01 H 1/00.

A SPINNING MILL UNIT.

Applicant : RSL LOGISTIK GmbH, & CO., JUSTUS-VON-LIEBIG-STRASSE 12. 865899 LANDSBERG/LECH. FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) DR. JOSEF HAFNER, GERMANY.
(2) ROLF SCHONENBERGER, GERMANY.

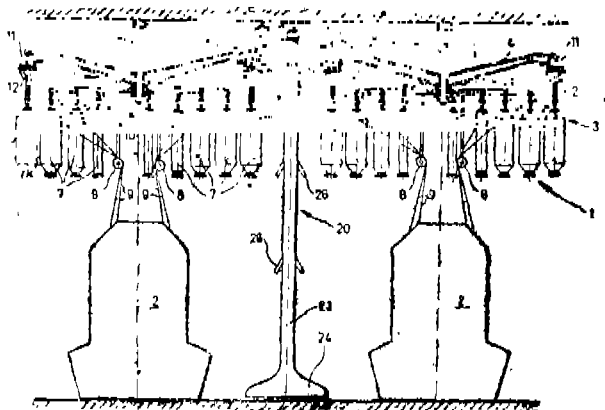
Application. No. : 786/Mas/90 filed on October 4, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A spinning mill unit comprising an overhead conveyor and at least one spinning machine, said overhead conveyor having rails for feeding and removing hanging bobbins to and from the location of said spinning machine and a plurality of rail elements arranged in an array above and vertically distant from said spinning machine, said plurality of rail elements being provided with a plurality of bobbin locating means defining bobbin location from which the bobbins are spin-stripped by said spinning machine, and being supported independently of said spinning machine, the Spinning mill unit further comprising bobbin carriers individually

inter-connecting the bobbins with said rails and said rail elements and a common drive mechanism for driving said bobbin carriers, a rail member extending parallel to said rails, and a cleaning means mounted for displacement along said rail member, wherein said cleaning means and said carriers for said bobbins are driven by said common drive mechanism.



(Compl. : 13 pages;

Drwgs : 5 Sheets)

Ind. Class : 172-D₅ 178088

Int. Cl.⁴ : D 01 H 13/14.

A THREAD MONITORING DEVICE SUITABLE FOR A TWO FOR ONE TWISTING MACHINE.

Applicant : PALITEX PROJECT-COMPANY GMBH, OF WEESERWEG 60, 4150 KREFELD 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventor : SIEGFRIED INGRH.

Application No. 798/Mas/90 filed on October 9, 1990.

Appropriate Office for Opposition Proceedings (Rule Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A thread monitoring device suitable for a two for one twisting machine comprising a housing (4) adapted to be mounted on the said machine in the path of the thread travel; a swivel lever (12) mounted on said housing for movement about a swivel axis (11); a thread guide roller (10) for being engaged by the travelling thread and mounted on said swivel lever for movement thereof under the influence of variations in the tension of the thread (8) from a predetermined value; means for switching adapted to be connected to the two for one twisting machine for controlling the travel of the thread; a switching member (12.4) carried on said swivel lever for actuation of said means for switching upon movement of said swivel lever caused by a variation in the tension of the travelling thread; and a plurality of support means contacting said swivel lever for providing predetermined support against movement of said swivel lever for providing the predetermined value of thread tension, said support means comprises a plurality of pneumatic support means each of which can be selectively and individually pressurized to support the swivel lever.

(Compl : 17 pages;

Drwgs. : Sheets)

Ind. Class : 98-G

178089

Int. Cl.⁴ : F 28 D 7/00.

TUBULAR HEAT EXCHANGER.

Applicant : DEUTSCHE BABCOCK-BORSIG AKTIEN-GESELLSCHAFT. OF EGELLSSTRASSE 21, 1000 BERLIN 27, GERMANY.

Inventor : (1) PETER BRUCHER, GERMANY.

(2) HELMUT LACHMANN, GERMANY.

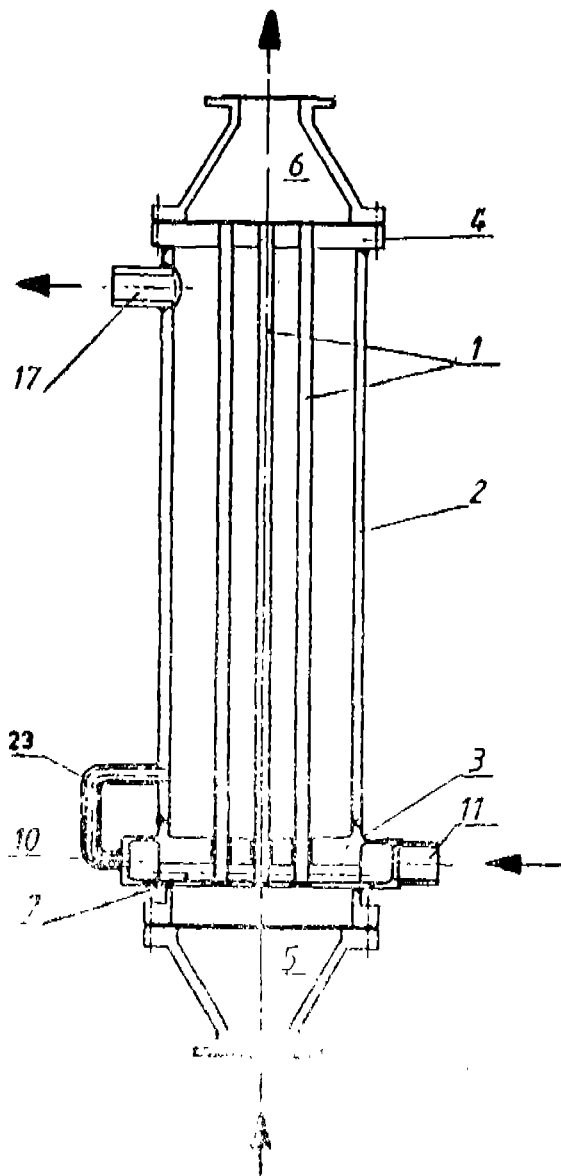
Application No. : 809/Mas/90 filed on October 12, 1990.

Convention date ; August 8, 1990; (No. 60255/90; Australia),

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A tubular heat exchanger comprising tubes which are held at each end in tube plates for heat exchange; between a hot gas flowing through the tubes and a liquid or vapour-phase cooling medium which flows over the outside of the tubes, where the tube plates are connected to the ends of a jacket which surrounds the bundle of tubes, with one of the tube plates being provided with parallel cooling channels in the half of the plate which faces axially away from the jacket, these cooling channels having cooling medium flowing through them, where this tube plate; is provided with bored holes which are open to the interior of the jacket and they open into the cooling channels so that they surround the tubes concentrically, wherein the tube plate provided with the cooling channels is located on the gas inlet side of the heat exchanger, and wherein the tubes of any particular row of tubes pass through one of the cooling channels, and wherein the cooling channels have a base of uniform thickness on the side which is impinged upon by the gas.



(Compl. : 14 pages;

Drwgs. 6 Sheets)

Ind. Cl. : 126-A

178090

Int. Cl.⁴ : G 01 R 13/02.**SOLID STATE OSCILLOSCOPE.**

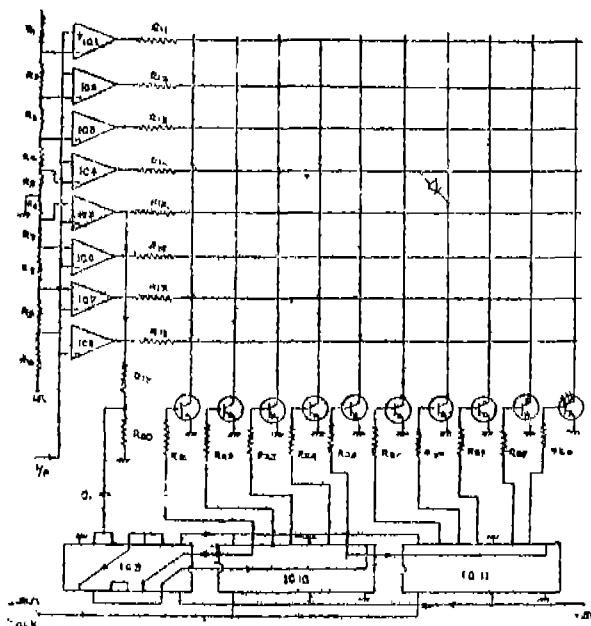
Applicant & Inventor : CHELLANGAT VINOD KUMAR, KUTTAMPATH HOUSE, KATALUR POST, MELADY (Via), KOZHIKODE (Dist), KERALA-673 531, INDIAN.

Application No. 810/Mas/90 filed on October 15, 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A solid state oscilloscope compiling an LED screen in the form of rows and columns, the said rows are connected to the vertical scanning section through resistors and the said columns are connected to the horizontal scanning section through switching transistors which are controlled by the shift registers in the horizontal scanning section, the said horizontal scanning section being controlled by the synchronisation and control circuit and the system clock, which is connected to Pin No. 1 of shift registers, for getting a stable image of the unknown signal applied to the vertical scanning section.



(Compl. : 10 pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 114-F

178091

Int. Cl.⁴ : C 14 C 1/12,

A PROCESS FOR TREATING HIDES TO PRESERVE THEM FROM FUNGAL AND/OR BACTERIAL ATTACK".

Applicant : RHONE-POULENC CHIMIE, OF 25 QUAI PAUL DOUMER, 92408 COURBEVOIE, FRANCE, A FRENCH BODY CORPORATE.

Inventors : (1) JACQUES LEMAIRE, FRANCE
(2) GERARD GAVEND, FRANCE
(3) BERNARD VULLIERMET, FRANCE.

Application No. 603/Mas/90 filed on July 26, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

12 Claims

A process for treating hides to preserve them from fungal and/or bacterial attack, comprising treating the hides with 5--467 GI/96

an aqueous solution having at least one water soluble or water dispersible lanthanum or cerium salt such as herein described.

(Compl, 16 pages;

Drwg. Nil)

Ind. Class : 170-D

178092

Int. Cl.⁴ : C 11 D 9/00.**CONTINUOUS PROCESS FOR PREPARATION OF AQUFOUS DISPERSIONS OF METAL SOAPS.**

Applicant : HFNKEL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 300 BROOKSIDE AVENUE, AMBLER, PENNSYLVANIA 19002, UNITED STATES OF AMERICA.

Inventors: (1) H. STEVE KOENIO, U.S.A.

(2) GARY L. SPEENBURGH, U.S.A.

Application No. 576/Mas/90 filed on July 18, 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Madras Branch.

16 Claims

A continuous process for preparing an aqueous dispersion of a metal soap such as a water insoluble metal salt of a carboxylic acid, comprising the steps of forming a mixture by continuously introducing at least one carboxylic acid having from 6 to 30 carbon atoms, at least one oxide or hydroxide of a metal such as herein described, which forms a water insoluble metal soap with the carboxylic acid, water and at least one dispersing agent selected from nonionic and anionic surfactants such as herein described, into a media mill, wherein water comprises at least 25% by weight of the mixture and reacting the mixture in the media mill for a period of from 1 to 55 minutes to form the aqueous dispersion of the metal soap.

Reference cited : U.S. Potent Nos. 4060535 & 4307027.

(Compl. : 33 pages;

Drwgs : 2 Sheets)

Ind. Class: 206-E

178093

Int. Cl.⁴ : G 01 C 22/02

G 06 F 15/20

A MICROPROCESSOR BASED ELECTRONIC TACHOGRAPH RECORDING AND INDICATING SYSTEM.

Investors : (1) SAKHALESHAPUR VENKATESIAH SRINIVASA, INDIA, (2) SALIGRAM NANJUNDA RAO SHIVAPRASAD, INDIA.

Application No. 580/Mas/90 filed on July 23, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

9 Claims

A microprocessor based electronic tachograph recording and indicating system comprising a CPU modulo with resident program, an input output module, a clock module a short memory module and a long memory modulo interconnected to each other as well as to a front panel module and an interface module the said front panel module; having one or more manual input parameters and visual indicating output parameters and the interface module having visual indicating output parameters together with an interface for hook-up to another microprocessor and connector means for providing one or more additional input output modules with corresponding interfaces, actuators and sensors, the said system being powered by a d.c. source.

(Compl, 17 pages;

Drwgs.

1 sheet)

Ind. Cl. : 146 D 1

178094

Int. Cl.⁴ : G 01 J 9/02

AN OPTICAL FIBER SENSING SYSTEM.

Applicant : AT&T CORP., OF 550, MADISON AVENUE, NEW YORK N.Y. 10022 U.S.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors: 1, LAWRENCE RUSSELL DUNN U.S.A., 2, IAN ARTHUR WHITE, U.S.A., 3, WILLARD CHANDLER WHITE U.S.A.

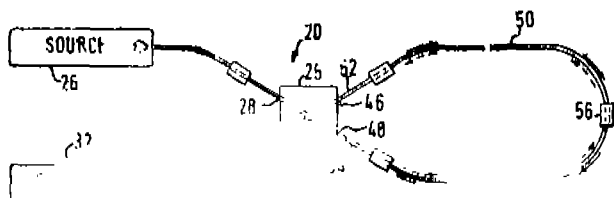
Application No. 627/Mas/90 filed on August 1, 1990.

Convention Date : August 24, 1989 (No. 609315 ; Canada)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

An optical fiber sensing system comprising : an optical fiber loop path comprising one or more optical fibres disposed in a cable ; optical source means (26) for providing optical signals : means for splitting each said optical signal into two subsignals, directing the two subsignals in opposite directions around said loop path and recombining the two subsignals after the two subsignals have traversed the loop path and returned to the entry points ; and detector means (32) arranged to detect changes in the intensity of the recombined signal due to changes in the phase relationship between the subsignals.



Compl, 14 pages ;

Drwgs. 2 sheets

Ind. Class : 29-A

178095

Int. Cl.⁴ : G 06 C 9/00

A SYSTEM FOR TRANSFERRING CONTROL ELEMENTS.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A., OF ARMONK, NEW YORK 10504, U.S.A.

Inventors: (1) FRANCIS MICHAEL BONEVENTO, U.S.A. (2) JOSEPH PATRICK McGOVERN, U.S.A. (3) EUGENE MITCHELL THOMAS, U.S.A.

Application No. 588/Mas/90 filed on July 24, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

38 Claims

A system for transferring control elements representing requests, replies, or asynchronous notification between entities located in different units of the system, comprising : a first unit, said first unit comprising at least one processor ; a second unit, said second unit comprising at least one sub-system, which may have attached devices ;

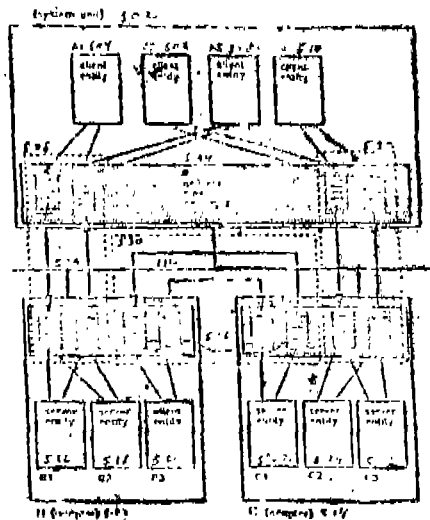
an interface bus, interconnecting with each of said units ;

a distributed pipe, said distributed pipe comprising shared memory distributed among each of said units ;

each of said units comprising :

at least one entity having a sending entity, said sending entity being a programme of some other task which requires interaction with a receiving entity, said receiving entity being I/O device such as a communication line, a printer, or a terminal ; a delivery send mechanism for sending control elements, addressed to another receiving entity from said sending entity, to said distributed pipe without interaction with any other entity ; and a delivery receive mechanism for receiving control elements, addressed to a receiving entity, from said distributed pipe without interaction with any other entity ;

wherein said control elements are asynchronously transferred from one of said sending entities to another of said receiving entities through said distributed pipe.



(Compl. 46 pages;

Drwgs. 14 Sheets)

Ind. Class: 90-H

178096

Int. Cl.⁴ : A 47 J 41/02

A GLASS VACUUM FLASK COMPATIBLE TO MICROWAVE HEATING AND A METHOD OF MANUFACTURING THE SAME.

Applicant : EAGLE FLASK INDUSTRIES LIMITED, EAGLE ESTAE, TALEGAON 410 507, DISTRICT PUNE, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventor : M.A. PADAMSEE, TAMIL NADU.

Application and Provisional Specification No. 634/Mas/90 filed on August 7, 1990.

Complete Specification left : November 4, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A glass vacuum flask compatible to microwave heating consisting of a housing provided with a removable base portion and a removable cover at the upper end thereof, said housing, base portion and cover being made of a material which is non-metallic, electrically non-conductive and non-absorbent of micro wave radiation such as polypropylene, a glass bottle located in said housing and being of double walled construction comprising an innerwall and an outerwall defining an annular space therebetween, said space being packed with perlite powder of 40 to 60 microns size at a packing density of 0.1793 to 0.2465 cm/cm³ and evacuated to a vacuum of 10⁻² to 10⁻⁸ mm of Hg, said bottle having a removable hollow stopper located at the mouth

thereof over a lip, said stopper and lip being made of a material which is non-metallic, electrically non-conductive and non-absorbent of microwave radiation such as polypropylene.

Pro.—5 pages ;

Com.—11 pages; Drwgs.—Provisional Specification—1 sheet; Complete Specification 1 sheet.

Ind. Class : 173-B

178097

Int. Cl.⁴ : B 65 d 83/14

DEVICE FOR DISPENSING ANY ONE OF A WIDE RANGE OF DIFFERENT VOLATILE LIQUIDS AS A VAPOUR.

Applicant : RESKITT & COLMAN PRODUCTS LIMITED, A BRITISH COMPANY, OF ONE BURLINGTON LANE/, LONDON, UNITED KINGDOM, W4 2RW,

Inventors: (1) RODNEY THOMAS FOX (2) GEOFFREY ROBERT HAMMOND.

Application No. 660/Mas/90 filed on August 20, 1990.

Convention date: August 26, 1989; (No. 8919463.3; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

23 Claims

A device for dispensing anyone of a wide range of different volatile liquids as a vapour, comprising a reservoir housing defining a reservoir open at one end and a vapour-permeable element bonded to said housing to close the open end of said reservoir, characterized in that said reservoir housing defines an outwardly extending flange surrounding the open end of said reservoir and the vapour-permeable element is bonded to the said flange to expose an area of the vapour-permeable element bounded by the bond wettable by the volatile liquid in the reservoir and capable of affording the desired rate of evaporation for the selected volatile liquid to be dispensed.

Compl. 17 pages ;

Drwgs. 3 sheets

Ind. Cl. : 32-F²(c)

178098

Int. Cl.⁴ : C 07 C 126/02.

A PROCESS FOR PRODUCING UREA BY SYNTHESISING AMMONIA AND CARBON DIOXIDE.

Applicant: SNAMPROGETTI S.P.A., A COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors :

- (1) GIUSEPPE CARLONI, ITALY.
- (2) FRANCO GRANELLI, ITALY.

Application No. 662/Mas/90 filed on August 21, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras (Branch).

8 Claims

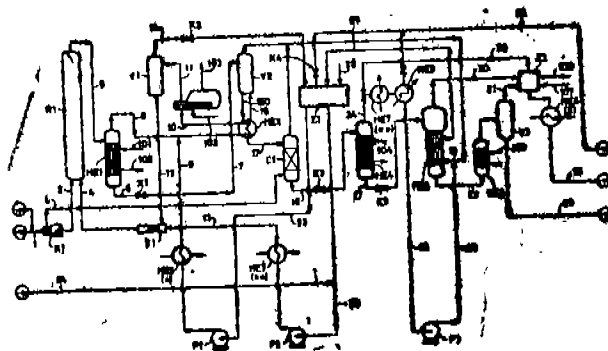
A process for producing urea by synthesising ammonia and carbon dioxide, comprising a synthesis stage at a pressure of 130—220 bars and a temperature of 175—200°C using a molar ratio of ammonia to carbon dioxide of between 3 and 5, and at least two successive decomposition stages for the ammonium carbamate which has not undergone conversion to urea, one of the decomposition stages being of high pressure at 130—220 bars (same pressure as the synthesis reactor), and the other decomposition stage being of medium pressure at 10—30 bars, the products of said decomposition stages being condensed to re-cover their heat of condensation, characterised in that—the first decomposition stage is conducted at

a pressure of 130—220 bars by thermal decomposition, with simultaneous self-stripping by the excess ammonia contained in the effluent from the synthesis reactor, the vapour produced by said decomposition being condensed at a pressure equal to the synthesis pressure in two condensation stages, the first condensation stage being at higher temperature and in which the heat of condensation is transferred directly, in the heat exchange HE2, to the urea solution being fed to the second medium pressure thermal decomposition stage, and the second condensation stage being at lower temperature and in which the heat is transferred to water in the heat exchange HE3 to produce low pressure steam.

—the second ammonium carbonate decomposition stage is implemented in two parts, namely a first part in which thermal decomposition is effected by heat transferred in the heat exchanger HE2 from the condensing vapour stream deriving from the first decomposition stage at the same pressure as the synthesis, and a second part comprising adiabatic countercurrent stripping in the column C1 with part of the gaseous carbon dioxide feed to synthesis, the gaseous products obtained from the two parts of the second decomposition stage then being combined and condensed together to recover their heat of condensation,

Ref. cited;

- (1) U.K. Patent Nos. 1,542,371; 1,184,004 & 1,552,682.
- (2) U.S. Patent Nos. 3,356,723 & 4,354,040.
- (3) EP Patent No. 212,744,



(Com. 30 pages;

Drwgs. 1 sheet)

Ind. Cl.: 207

178099

Int. Cl.⁴ : B 27 M 1/02.

A METHOD AND APPARATUS FOR PREPARING COMPRESSED WOOD.

Applicant: DANSK TEKNOLOGISK INSTITUT, A PUBLIC INSTITUTION OF DENMARK OF GREGERSENS-VEJ, P.B. No. 141, DK-2630 TASSTRUP, DENMARK.

Inventors :

- (1) THOMAS THOMASSEN, DENMARK.
- (2) JENS LJRRING, DENMARK.
- (3) OVE HENSEN, DENMARK.

Application No. 666/Mas/90 filed on August 22, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rles, 1972), Patent Office, Madras Branch.

12 Claims

A method of preparing compressed wood by compressing an elongate wood sample substantially in the direction of the grain or the fibres of the sample, said sample comprising side surfaces and end surfaces, said method of comprising the steps of inserting the wood sample into a chamber substantially defined by side wall parts adapted for engaging and supporting the side surfaces of the sample for preventing deflection and by a first and a second end wall part adapted for engaging respective end surfaces of the sample, moving said first

end wall part in a direction along said side wall parts and towards said second end wall part while controlling or restricting; the motion of said second end wall part in order to compress the wood sample between said end wall parts, and moving a portion of said side wall parts extending substantially in the total length of the sample together with said first end wall part in a fixed relationship, while controlling or restricting the motion of said remaining portion of the side wall parts also extending substantially in the total length of the sample so as to maintain a fixed relationship between said remaining portion of said side wall parts and said second end wall part.

(Com. 24 pages;

Drwgs. 2 sheets)

Ind. Cl.: 190 C & D.

178100

Ind. Cl.⁴: F 03 B 1/00; F 03 D 9/00.

A WIND/WATER TURBINE.

Applicant: VASUKUNJAN JOTHYSHALAYAM BOSE, AN INDIAN NATIONAL OF VATTATHUNDATHIL, KOOVAPALLY P.O., KAMJIRAPALLY, KOTTAYAM (DISTRICT) KERALA-686518, INDIA.

Inventor: VASUKUNJAN JOTHYSHALAYAM BOSE, INDIAN.

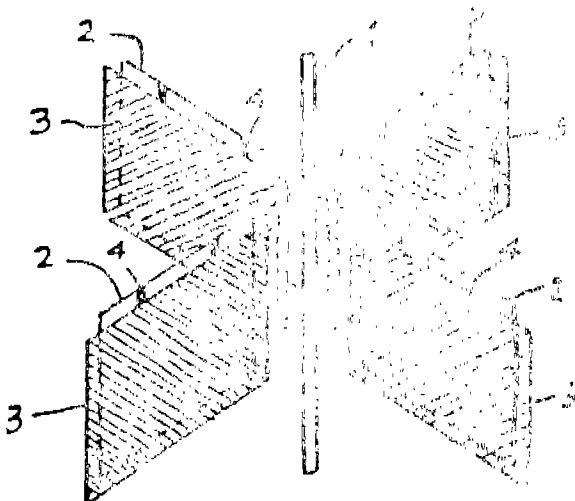
Application and Provisional Specification No. 670/Mas/90 filed on 23rd August 1990.

Complete Specification Left: 23rd August 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A wind/water turbine comprising a main axle bar 1 having a plurality of identical metallic frames 2 secured thereto at equidistance towards the middle part thereof being housed in a big metallic frame 5 rotatably, metallic/canvas sheets 3 suspended freely from the top side of said metallic frames 2 housed in said big metallic frame 5, a gear secured at the top end of said main axle being provided above said big frame 5 such as to connect said axle bar 1 with the electric generator or any other machine and to provided maximum rotation thereto.



(Com. 9 pages;
(Pro. 7 pages

Drwgs. 1 sheet)
Drwgs. Nil)

Cl.: 47 C

178101

Int. Cl.: C 10 J 3/12.

PROCESS AND APPARATUS FOR GASIFYING GASIFICATION SUBSTANCES AND/OR FOR REFORMING A GAS AND HIGH TEMPERATURE HEAT EXCHANGER FOR CARRYING OUT THIS PROCESS.

Applicant: KORTEC AG, OF BAARERSTRASSE 21,6300 ZUG, SWITZERLAND.

Inventors :

(1) MIRCEA TUDOR MANOLESCU.

(2) JEAN-PAUL VANDENHOECK.

Application No. 687/Cal/1991 filed on 10th September 1991.

Appropriate Office for Opposition Proceedings ("Rule 4, Patent Rule 1972), Patent Office Calcutta.

36 Claims

A process for gasifying material selected from liquid and fine grain solid gasification substances or for reforming a gas in a reactor (1).

—to which the process heat is supplied by heat carrier particles,

—which are heated within a substantially closed circuit in a heater (5) by combustion gases produced in a combustion chamber (3) and

—which are passed through the reactor (1) in counter-flow relationship to the gasification substance or the gas to be reformed and the gasification agent and

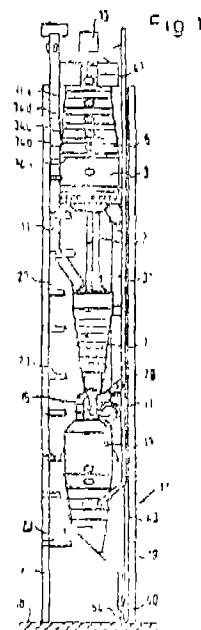
—which are then returned to the heater (5) for renewed heating characterised in that

—the heat carrier particles and the combustion gas form a fluidised bed above at least one grid (34, 34a, 34b, 34c, 34d, 34e) arranged in the heater (5)

—the heat carrier particles flow out of the heater (5) into the adjoining combustion chamber (3) in which they form a fluidised bed with the combustion gas.

—the heat carrier particles pass by way of a flow transfer pipe (7, 7') out of the combustion chamber (3) into an upper region of the reactor (1), wherein the throughput through the flow transfer pipe (7, 7') forms a seal which prevents a throughflow of product gas generated in the reactor (1), and

—the heat carrier particles form one or more fluidised beds in the reactor (1) with the gasification substance or the gas to be reformed.



(Compl. Specn. 40 pages;

Drwgs. 7 sheets)

Cl. : 55E₄ 178102Int. Cl.⁴ : C 12 P 21/00, 39/00.**PROCESS FOR PRODUCING THE PEPTIDE CURCULIN B.**

Applicant: YOSHIE KURIHARA, OF 4-7 OKUZAWA 7-CHOME, SETAGAYA-KU TOKYO 158 JAPAN; AND SOICHI ARAL OF 38 NANASHIMACHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA-KEN 221, JAPAN; AND ASAHI DENKA KOGYO K.K., OF 2-35, HIGASHIOGU 7-CHOME, AKAKAWA-KU, TOKYO 116, JAPAN.

Inventors :

- (1) YOSHIE KURIHARA
- (2) SOICHI ARAL
- (3) KEIKO ABE.
- (4) HARUYUKI YAMASHITA.

Application No. 142/Cal/1992 filed on 2nd March 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

3 Claims

A process for producing the paptide curculin B of the type herein described comprising; culturing a transformed cell such as herein described, or microorganism, such as herein described, containing a recombinant DNA containing a base sequence encoding curculin B in X-broth medium such as herein described, containing ampicillin and then in M9 medium, such as herein described, whereby to produce curculin B, destroying the cultured cell or microorganism by ultrasonication; and isolating in the manner such as herein described, curculin B from said transformed cell or microorganism by a known purifying method.

(Compl. Specn. 29 pages;

Drgns, 6 sheets)

Cl. : 5A

178103

Int. Cl. : A 01 B 71/00.

POWER OPERATED MULTI PRONGED MATTOCK CULTIVATOR.

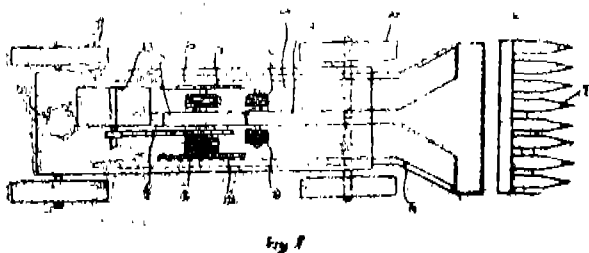
Applicant & Inventor: JAGANNATH PRASAD SINHA, OF C/O NARASINHA STRUCTOMACH (P) LIMITED, L/16 INDUSTRIAL AREA, JASIDIH P.O. DIST DEOGHAR (BIHAR) PIN 814 142.

Application No. 242/Cal/1992 filed on 10th April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

5 Claims

A power operated multi-pronged mattock cultivator wherein a trolley fitted with four wheels (10, 11) and a platform (14) on which a verticle stand (4) with axle (3) supports an arm with a multi-prong pick axe type mattock (5) and behind this stand (4) there is provided another stand with axle (3), a wheel (1) mounted on the said axle (3) having a cam to operate the verticle mattock and a crank shaft (15) provided on the said wheel (1) and a horizontal mattock (6) mounted on and operated by said crank shaft (15), and a lever mounted on the said crank (15) to operate a ratchet mechanism attached to wheels of the trolley on reverse motion of the horizontal mattock to move the cultivator three, six, nine or twelve inches or as adjusted.



(Compl. Specn, 8 pages;

Drgns 2 sheets)

Cl : 40G + 55B₃ 178104Int. Cl.⁴ : A 61 L 2/08, 2ffl18.

B 65 B 55/08.

IB 01 J 19/08.

METHOD OF PRODUCING AN OBJECT WITH A STERILIZED, SOLID SURFACE.

Applicant: ELOPAK SYSTEMS AG, OF FLUGHOF-STKASSE 41, POSTFACH C11-8152 GLATTBRUGG, SWITZERLAND.

Inventors:

- (1) DR. KARIN BERGMANN.
- (2) DR. HELGE BAKKETON CASTBERG.
- (3) DR. PETER JOHN HY DE.
- (4) DR. KAREN MARGARET MONTGOMERY. NESS.
- (5) DR. CHRISTOPHER JOHN STANLEY.

Application No. 258/Cal/1992 filed on 13th April 1992.

(Convention No. 9107751.1 on 12-04-91 in Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

10 Claims

A method of producing an object, such as herein described, with a sterilized, solid surface, composing rendering non-viable microorganisms at said solid surface by a process comprised of irradiating said surface with laser UV of a wavelength which is bactericidal, and optionally, in combination with the irradiation of said surface with IR, the application of said laser UV and IR, as and when carried out together, being either simultaneously or by overlapping in time.

(Compl. Specn. 34 pages;

Drgns. 2 sheet)

Cl. : 108—2(a)

178105

85—R

Int. Cl.: C 21 B 7/00.

F 27 B 1/00.

APPARATUS FOR PROTECTING AN INJECTION DEVICE DISPOSED IN A HOT BLAST CONDUIT OF A BLAST FURNACE.

Applicant: KORTEC AG., OF BAARERSTRASSE 21 CH-6300 ZUG, SWITZERLAND.

Inventors : WILLIAM WELLS AND RALPH WEBER.

Application No. 801/Cal/1992 filed on 30th October 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

6 Claims

An apparatus for protecting an injection device disposed in a hot blast conduit of a blast furnace comprising an injection lance (11, 28) having at least two concentric tubes (18, 19; 29, 30, 31) which are arranged at a spacing from each other radially and which define a central duct (20, 32) and at least one annular duct 21; 33, 34) of which one has an inlet 22; 36) for fine-grain solid fuel, in particular coal dust, and one has an inlet (24, 25; 40, 42) for a cooling fluid, characterized in that the duct (21; 34) for the cooling fluid is open at the

discharge side of the injection lance (11, 28) and at the entry side is in the form of a spray means having a water inlet (24; 40) and a carrier gas inlet (25; 42).

Fig. 2

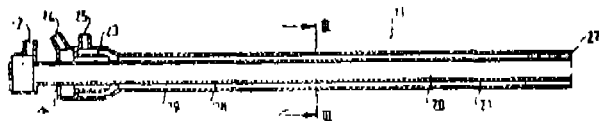
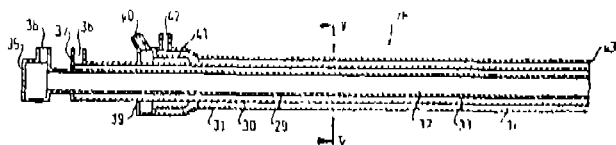


Fig. 4



(Compl. Specn. 8 pages;

Drgns, 3 sheets)

Cl.: 65 B 2

178106

Int. Cl.: H 01 F 3/02.

A METHOD AND APPARATUS FOR MAKING PACKETS OF AMORPHOUS STEEL STRIP FOR TRANSFORMER CORE MANUFACTURE.

Applicant: GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD SCHENECTADY 12345, NEW YORK, UNITED STATES OF AMERICA.

Inventors: MR. WILLI KLAPPERT & MR DAVID R. FREEMAN.

Application No. 135/Cal/1993 filed on 5th March 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

7 Claims

A method of making packets of amorphous metal strip adapted to be wrapped about the arbor of a transformer-core making machine, each packet comprising a plurality of groups of strips, each group comprising many thin layers of strip, each layer having two longitudinally-extending edges at opposite sides of the layer and two transversely-extending edges at opposite ends of the layer, the longitudinally extending edges at each side of the layers of each group being substantially aligned and the transversely-extending edges at each end of the layers in each group being in near-alignment, said method comprising:

- providing first and second composite strips, each comprising many thin layers of amorphous metal strip stacked in superposed relationship, the composite strips having leading ends that are located in initial position that are axially spaced from each other at the start of a packet-making operation, the initial positions being at opposite ends of a stacking zone on a supporting surface where the packets are built up during a packet-making operation,
- cutting said composite strips to detach first sections of multi-layer amorphous steel strip from said first composite strip and to detach second sections of multi-layer amorphous strip from said second composite strip, and axially advancing said detached sections forwardly of the respective composite strips from which they are detached into said stacking zone.
- stacking said second sections in alternating relationship upon said first sections in said stacking zone.

- advancing each of said first sections into said stacking zone with first transport means that is moved in a first-strip forward direction during said advancing of each said first section and is returned to a home position in preparation for each succeeding advancing operation of a first section;
- advancing each of said second sections into said stacking zone with second transport means that is moved in a second-strip forward direction opposite to said first-strip forward direction during said advancing of each of said second sections and is returned to its own home position in preparation for each succeeding second-section advancing operation.
- each group being formed from one or more of said sections with the layers of each group stacked in near alignment, and
- the leading edges of the stacked sections being located when stacked in positions that locate the adjacent transversely-extending edges of adjacent groups in staggered relationship with respect to each other.

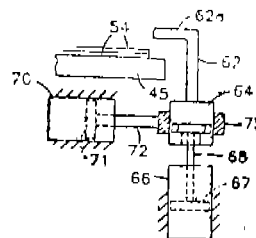


Fig. 1a

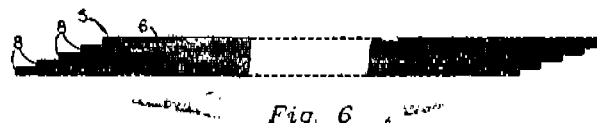


Fig. 6

(Compl. Specn. 30 pages;

Drgns. 7 sheets)

Cl. : 40 F H

178107

Int. Cl.: F 01 N 7/18, 3/20.

A CONICAL HONEYCOMB BODY FOR USE AS CARRIER OF A CATALYST.

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, W-5204 LOHMAR 1, GERMANY.

Inventor : MR. ROLF BRUCK.

Application No. 114/Cal/93 filed on 22nd February 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

19 Claims

A conical honeycomb body for use as carrier of a catalyst comprising an axis; a jacket tube being conical relative to said axis; and a configuration being fitted in said jacket tube, said configuration including at least one stack, being wound about said axis in an involute, said stack having a plurality of sheet metal layers being layered on one another, said layers including a plurality of corrugated layers, each of said layers having a circular ring segment shape being defined by an outer arc being approximately circular relative to a center point, and an approximately circular inner arc being concentric with said outer arc and being disposed between said outer arc and the center point, each of said corrugated layers having corrugations being oriented approximately radially relative to the center point, said corrugations having associated corrugation

heights, said respective corrugation heights on each of said arcs being in a given ratio, and said arcs having lengths in a ratio being approximately equal to said given ratio.

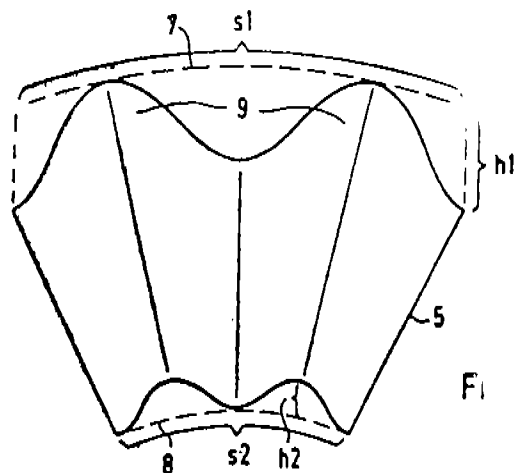
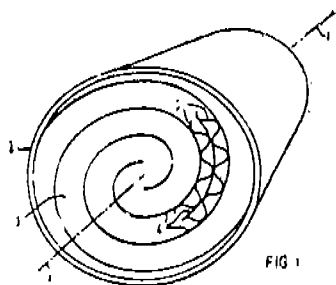
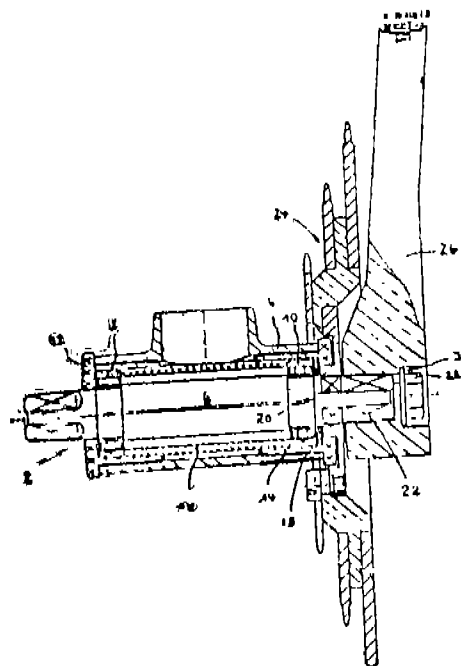


Fig 1



(Camp. Specn. 12 pages;

Drgs.

2 sheets.)

(Compl. Specn. 22 pages;

Drgns. 4 sheets)

Cl. : 53 E

178108

Int. Cl.⁴ : B 62 K 19/34.

BOTTOM BRACKET ASSEMBLY FOR BICYCLES, KEEP-FIT APPARATUSES AND THE LIKE.

Applicant : ROBERT SCHMITT, OF NIEDERWERRNER STRASSE 281;3, 97421 SCHWEINFURT, GERMANY.

Inventor : ROBERT SCHMITT.

Application No. 494/Cal/93 filed on 26th August, 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

12 Claims

A bottom bracket assembly for bicycles, keep fit apparatuses and the like, having a bottom bracket shaft (6) in, which at least a shaft end region has an external drive cross-sectional profile onto which a gear ring (24) and a pedal crank (26) are respectively fitted with a corresponding complementary internal cross-sectional profile and axially fixed by clamping means (28), characterised in that the shaft end region has a first portion (20) which is more remote from the end of the shaft and which has a prismatic cross-sectional profile for carrying the gear ring (24) and a second portion, (22) which is near the end of the shaft, for carrying the crank (26).

Cl. : 107 E

178109

Int. Cl.⁴ : F 01 N 7/08.

A METAL HONEYCOMB BODY, IN PARTICULAR A CATALYST CARRIER BODY, FOR MOTOR VEHICLES.

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONS-TECHNOLOGIE MBH, OF HAUPTSTRASSE 150 DE-53797 LOHMAR GERMANY

Application No. 40/Cal/94 filed on 24th Jan., 94.

Inventor : GEORG BESTENREINER.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta,

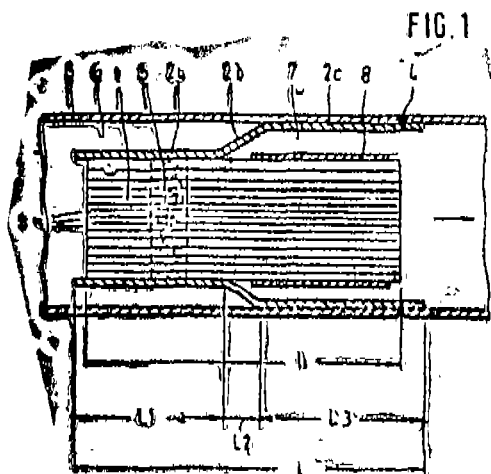
13 Claims

A metal honeycomb body (1), in particular a catalyst carrier body, for motor vehicles with an internal combustion engine, having walls that form a number of channels (10) through which a fluid can flow wherein the honeycomb body (1) has a length (1) and is disposed and held in at least one inner (2a, 2b, 2c) and at least one outer (3) jacket tube,

characterized in that

the inner jacket tube (2a, 2b, 2c) is subdivided into at least three subregions, namely a first subregion (2a) resting on the outside of the honeycomb body (1) essentially over only a portion of the length (1) of the honeycomb body (1); a second subregion (2b), which widens conically, and a third

subregion (2c), resting on the inside on the outer jacket tube



(Comp. Specn. 13 pages;

Drgs. 2 sheets.)

Cl. : 32 C

178110

48 C

Int Cl. : H 01 B 17/56.

A METHOD OF MANUFACTURING AN INSULATING BASE SHEET

Applicant : HITACHI LTD., OF 66 KANDA SURUO-DAI 4-CHOME, CHIYODA-KU. TOKYO, JAPAN.

Inventors : (1) TOORU KOYAMA
(2) CHIKASHI KANNO
(3) HIROSHI HONJO
(4) NORIYUKI KINJO
(5) IKUSHI KANO
(6) SHOICHI MARUYAMA.

Application No. 374/94 filed on 19th May, 94.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule 1972), Patent Office Calcutta:

2 Claims

A method of manufacturing an insulating base sheet used for manufacturing an electrically insulated coil which comprises binding a mica sheet and an insulating reinforcing sheet together with a binder which is a composition comprising 100-50 parts by weight of a polyfunctional epoxy resin having at least three p-(2, 3-epoxy propoxy) phenyl groups in the molecule and at most 50 parts by weight of a bifunctional epoxy resin.

(Comp. Specn. 68 pages;

Drgs. 2 sheets.)

Ind Cl. : 55-F &

83-A¹

178111

Int. Cl.⁴ : A 23 G 3/30.

A 61 K 9/00.

A METHOD OF MANUFACTURING A CHEWING GUM.

Applicant : WM. WRIGLEY JR. COMPANY, A DELAWARE CORPORATION, 410 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60611, U.S.A.

Inventor : MICHAEL J. GREENBERG, U.S.A.

Application No. 69/MAS/94 filed February 7, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

S Claims

A method of manufacturing chewing gum for reducing demineralization and/or increasing remineralization of tooth enamel comprising the steps of mixing a known water insoluble gum base portion, a known water soluble bulk portion containing known sweeteners, flavouring agents, softeners, emulsifiers, colourants and fillers and at least 0.5% by the total weight of the gum of calcium glycerophosphate.

(Com. 25 pages;

Drgs.

2 sheets.)

Ind. Cl. :

55-E₄

178112

Int. Cl.⁴ : A 61 K 35/56; 35/64.

PROCESS OF PREPARATION OF PASTE FOR AN ANTI INFLAMMATORY DRUG

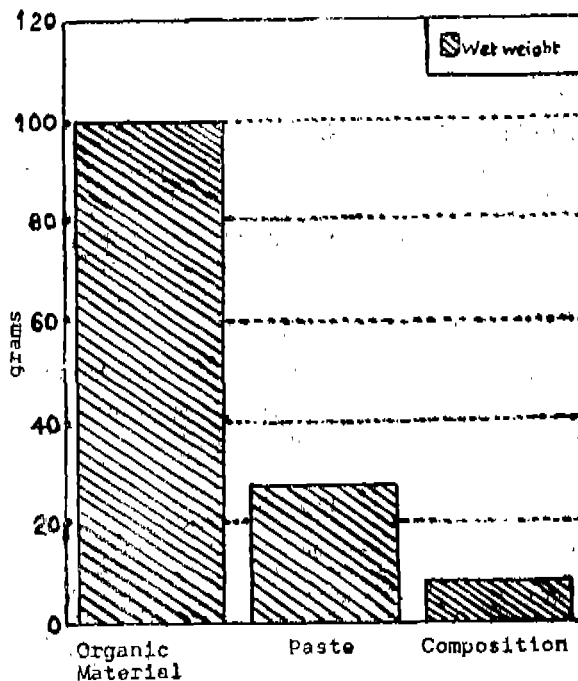
Applicant & Inventor : SULTAN AHMED ISMAIL, "AI-NOOR", 136/1, JANI JEHAN KHAN ROAD, MADRAS-600 014. TAMIL MADU, INDIAN NATIONALITY.

Application No. 260/MAS/94 filed April 5, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

1 Claim

A process of preparing anti-inflammatory composition as a pharmaceutical preparation comprising the steps of obtaining the paste from a mix of coelomic fluid and self immersed corps of earthworms, fumigating the paste in a sterilised beaker, tying the mouth of the beaker with gauze and placing a cotton swab dipped in chloroform (BDH), placing the beaker containing the resultant material in an oven at 55±2° Celsius for about eight hours and stirring the material at regular intervals so that the whole composition turns from a fluid state to a semi-solid mass, finally storing the said paste in cold storage.



Stages of Preparation

(Com. 7

pages;

Drg. 1 sheet.)

Ind. Cl. : 55-E₄ 178113
 Int. Cl.⁴ : A 61 K 9/22.

A METHOD FOR PRODUCING A CONTROLLED RELEASE ANALGESIC PHARMACEUTICAL COMPOSITION.

Applicant : EUROCELTIQUE S.A. OF 122 BOULEVARD DE LA PETRUSSE, LUXEMBOURG, A LUXEMBOURG COMPANY.

Inventors : (1) MILLER RONALD BROWN, SWITZERLAND,
 (2) IESLIE, STEWART THOMAS, ENGLAND.
 (3) MALKOWSKA, SANDRA THERESE ANTOINETTE, ENGLAND.
 (4) SMITH, KEVIN JOHN, ENGLAND.
 (5) WIMMER, WALTER, GERMANY.
 (6) WINKLER, HORST, GERMANY.
 (7) HAHN UDO, GERMANY.
 (8) PRATER, DEREK ALLAN, ENGLAND.

Application No. 351 /MAS/94 filed April 28, 94.

Convention date November 23, 1993 ; (No. 9324045.5; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A method of producing a controlled release analgesic pharmaceutical composition in the dosage form selected from a tablet, a capsule or sachet containing a plurality of spheroids or multiparticulates and suitable for dosing at intervals of 12 hours or more, the said method comprising incorporating from 50 to 800 mg of tramadol or pharmaceutically acceptable salt thereof calculated as tramadol hydrochloride in a controlled release matrix comprising 1 to 80% by Weight of one or more hydrophilic or hydrophobic polymers; and thereafter forming the resulting material into tablets or filling into capsules or sachets; and wherein the resulting preparation has in vitro release rate as hereinbefore defined as set forth below :

Time (hours)	% release
1	0—50
2	0—75
4	3—95
810—100	
12	20—100
16	30—100
24	50—100
36	50—80

(Com. 29 pages;

Drgs. 1 sheet)

Ind Cl : 32-C 178114
 Int. Cl.⁴ : C 12 P 21/00.

A PROCESS FOR THE PREPARATION OF LIPOPEPTIDES.

Applicant : HOECHST AKTIENGESSELLSCHAFT, A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) PETER HAMMANN GERMANY,
 (2) JOHANNES MEIWES, GERMANY.
 (3) GERHARD SEIBERT, GERMANY,
 (4) LASZLO VERTESY, GERMANY.
 (5) JOACHIM WINK, GERMANY.
 (6) AASTRID MARKUS, GERMANY.

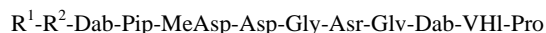
6--487, GI/96

Application No. 366/MAS/94 filed May 3, 94.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch,

5 Claims

A process for the preparation of lipopeptides of the formula I.



in which R' is single or multiple unsaturated, saturated or independently thereof a branched or unbranched fatty acid, or hydroxy fatty acid with a chain length of from 6 to 22 inclusive, carbon atoms and R' is Asp or Asn comprising fermenting by known methods. Actinoplanes sP in a known culture medium until the liponeptide of the formula 1 is produced and accumulated in the culture medium, separating and purifying the said lipopeptides from the culture medium by known methods,

(Com. 48 pages)

Ind. Cl. : 55-E, 178115
 Int. Cl.⁴ : A 61 K 37/00.

IMPROVEMENTS IN OR RELATING TO A PROCESS FOR OBTAINING PHYTOHAEMAGGLUTININ FROM PHASEOLUS VULGARIS.

Applicants & Inventors : MR. RAJAMANICKAM VICTOR, M.A., F-6 ST. JOHN'S MEDICAL COLLEGE STAFF QUARTERS, HOSUR ROAD, BANGALORE-560 034, KARNATAKA, AN INDIAN;

AND

DR. (MRS.) I. MANORAMA THOMAS, B. SC. (HONS.) M.B.B.S., M.S., F.A.M.S., PROFESSOR & HEAD, DEPT. OF ANATOMY AND DIVISION OF HUMAN GENETICS, ST. JOHN'S MEDICAL COLLEGE, BANGALORE-560 034, KARNATAKA. AN INDIAN.

Application No. 387/Mas/94 dated May 10, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

5 Claims

A process for obtaining phytohaemagglutinin (PHA) by soaking Phaseolus vulgaris in water yielding a soaked mass of Phaseolus Vulgaris with saline centrifuging the extract, resulting in a supernatant and a residue, keeping the supernatant in a freezer, thawing the supernatant after removal from the freezer, diluting the removal supernatant with saline followed by filtration characterised in that the soaked mass, of Phaseolus vulgaris is obtained by soaking Chitra Rajma in water.

(Com, 7 pages)

Ind. Cl. : 32-F₆(a) 178116
 Int. Cl.⁴ : C 07 C 79/22.

A PROCESS FOR THE PREPARATION OF P-NITRO-PHENOL.

Applicant : RHONE-POUIENC CHIMIE FRENCH BODY CORPORATE. 25, QUAI PAUL DOUMER, 92408 COURBEVOIE, FRANCE.

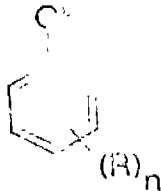
Inventors (1) LAURENT BERNARD,
 (2) PASCAL METIVIER.

Application No. 432/Mas/94 filed on May 24, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

28 Claims

A process for the preparation of a p-nitrophenol by the nitrosation of a phenol of formula (I) :



in which :

each R independently represents an alkyl or alkoxy radical having 1 to 4 carbon atoms a perfluoroalkyl radical having from 1 to 4 carbon atoms or a halogen atom; and

-n is 0, 1 or 2

with the proviso that the 4-position of the phenol ring is unsubstituted,

said nitrosation being carried out in the presence of sulphuric acid, followed by the oxidation of the p-nitrosophenol thus produced by nitric acid, wherein, in the first nitrosation stage, the sulphuric acid concentration is at least 60% and, at the end of the oxidation reaction in the second stage the sulphuric acid concentration is equal to or less than 80% to precipitate the p-nitrophenol, which is then separated.

Ref. cited : U.S. Patent No. 3,517,075

(Com. 16 pages)

Ind. Cl. : 83-A1

178117

Int. Cl.⁴ : A 23 L 2/00.

A METHOD OF PRODUCING A CALCIUM-ENRICHED SOYA DRINK.

Applicant : TETRA LAVAL HOLDINGS & FINANCE S.A., (SWITZERLAND).

Inventors : (1) INGE FRIBORG, SWEDEN.
(2) KOK EL LYNN, MALAYSIA.

Application No. 676/MAS/94; filed July 21, 94.

Divisional to Patent Application No. 41/MAS/93; Antedated to January 22, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A method of producing a calcium-enriched soya drink possessing superior flavour and storage properties comprising the steps of :

- providing an aqueous solution consisting of trisodium citrate and tripotassium phosphate salts.
- mixing shelled finely-divided soya beans with the said aqueous solution at 60—70°C or higher but at most 90°C;
- grinding the mixture of the aqueous solution and shelled finely-divided soya beans;
- heat treating the mixture of shelled finely-divided soya beans and aqueous solution at 85—90°C;
- cooling the mixture to 10—15°C and adding; milk and other ingredients selected for the soya drink;
- homogenizing the cooled mixture;
- subjecting the cooled mixture to a sterilising heat treatment;

(h) adding calcium lactate to the sterilised mixture ; and

(i) packing the homogenized sterilized mixture of step (h) in a package under aseptic conditions by means of a conventional packing machine of the type which forms, fills and seals the packages

(Com, 11 pages;

Drg. 1 sheet.)

Ind. Class: 32-F₆(b)

178118

Int.. Cl.⁴ : C 07 D 239/24

A PROCESS FOR THE PREPARATION OF A 2-SUBSTITUTED 4, 6-DIALKOXYPYRIMIDINE.

Applicant : LONZA LTD., OF GAMPEL/VALAIS, SWITZERLAND, A SWISS COMPANY.

Inventors: (1) ANDRE ESCHER, SWITZERLAND (2) FELIX PREVIDOLI, SWITZERLAND.

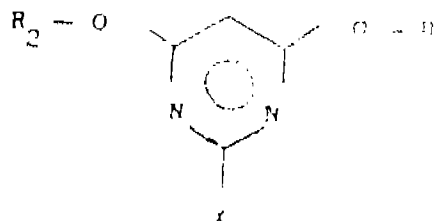
Application No. 705/Mas/94 filed on July 27, 1994..

Divisional to Patent Application No. 709/Mas/92 ; Antedated to November 25, 1992.

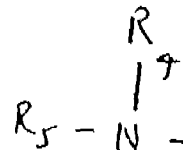
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

7 Claims

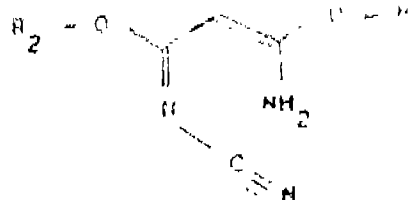
A process for the preparation of a 2-substituted 4, 6-dialkoxypyrimidine of general formula I,



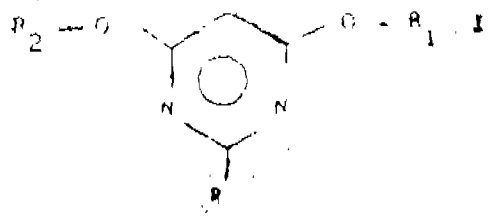
in which R₁ and R₂ are the same or different and denote a C¹-C₄-alkyl group and R₃ denotes an group



in which R₁ denotes a C₁-C₄-alkyl group and R₅ denotes a hydrogen atom, a C₁-C₄-alkyl group or a phenyl group wherein, in a first stage, a cyano-imidate of general formula II,



in which R₁ and R₂ have the same meaning as in formula I, is cyclized with a hydrogen halide to give a halogeno pyrimidine derivative of general formula III.



in which R^1 and R^2 have the same meaning as in formula I and X denotes a halogen atom, and in a second stage said halogeno-pyrimidine derivative is reacted with a compound of general formula IV



in which R^1 and R^2 have the same meaning as above, to obtain a 2-substituted 4, 6-dialkoxypyrimidine.

Ref. cited : Indian Patent No. 174,279 uropan Patent No. E.P.A.-849,708.

(Com. 22 pages)

Ind. Cl. : 53-E

178119

Int. Cl.⁴ : F 16 H 9/00; 7/00; 55/00.

A BICYCLE.

Applicant : HAMLIN TRANSMISSION CORPORATION, OF SUITE 1, 35 DANBURY ROAD, WILTON, CONNECTICUT 06897, U.S.A., A U.S. COMPANY.

Inventor : GEORGE HAMLIN LEONARD, U.S.A.

Application No 528/Mas/92 filed on August 21, 1992.

Divisional to Patent Application No. 903/Mas/88 ; Antedated to December 20, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A bicycle comprising frame, wheels, transmission control connected by cable means to a ratio-changing transmission in which the transmission may be easily and quickly removed for replacement, said ratio-changing transmission having drive and rotatable members, the driven member being connected to a wheel and the drive member being connected to the frame ; means for imparting motion to the drive member on the frame, the said means for imparting motion supporting the drive member on the frame ; one-way driving clutch means between the driven member and said wheel, the clutch means having a driving clutch unit united to the driven member and a driven clutch unit united to said wheel, the driven clutch unit and said wheel forming a wheel assembly that is removable from the bicycle, the clutch units being in operative relation to each other when the wheel assembly is assembled to the bicycle and the said clutch units being separated from each other when the wheel assembly is removed from the bicycle, the driving clutch unit being united with the transmission and being removable from the frame with the transmission ; and quick disconnect means for disconnecting the cable means from the transmission whereby the transmission may be completely removed from the bicycle by simply and quickly disconnecting the cable means from the transmission, disconnecting the means for imparting motion from the driving member and disconnecting the driven member and associated wheel from the frame.

Compl. 70 pages ;

Drwgs. 19 sheets

Ind. Class : 40-F

178120

Int. Cl.⁴ : C 07 B 53/00

A HYDROGENATION PROCESS FOR PRODUCING OPTICALLY ACTIVE PRODUCT,

Applicants & Inventors : (1) JAMES EDWARD BABIN, OF 11, GREENBRIER AVENUE, HURRICANE 25536, U.S.A. AND (2) GREGORY TODD WHITEKER, OF 35, SPRING ROAD, CHARLESTON 25314, CHARLESTON 25314, U.S.A. BOTH ARE CITIZENS OF U.S.A.

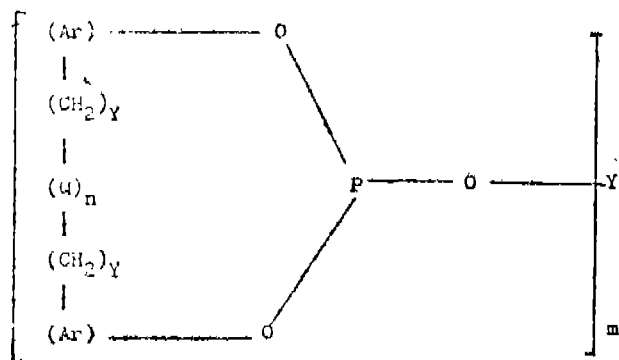
Application No. 312/Mas/94 dated April 20, 1994.

Divisional to Patent Application No. 516/Mas/92 ; Antedated to August 20, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A hydrogenation process for producing optically active products such as herein described comprising the steps of reacting a prochiral or chiral compound, such as herein-described, in the presence of an optically active metal-ligand complex catalyst having a metal with an optically active ligand of the formula



wherein each Ar group is the same or different and is a substituted or unsubstituted aryl radical; Y' is an m-valent substituted or unsubstituted hydrocarbon radical selected from, alkylene, alkylene-oxy-, alkylene, aryleno, and aryleno-(CH₂)_n-Y-(Q)n-CH₂-Y-arylene each Y is the same or different and is a value of 0 or 1; each n is the same or different and is value of 0 or 1; each Q is the same or different and is a substituted or unsubstituted, divalent, bridging group selected from -CR¹R²-O-, -S-, NR³, SiR⁴R⁵, and -CO- wherein R¹ and R² are same or different are hydrogen or a substituted or unsubstituted radical selected from alkyl of 1 to 12 carbon atoms, phenyl, tolyl and anisyl, and R³, R⁴ and R⁵ are the same or different and are a radical selected from hydrogen or methyl ; and m' is a value of from 2 to 6 and optionally derivatizing the optically active products.

Compl. 100 pages

Ind. Cl. : 127 G

178121

Int. Cl.⁴ ; F 16 H 7/08

A SELF ADJUSTING DRIVE MEANS TENSIONING SYSTEM FOR A VARIABLE TRANSMISSION.

Applicant : HAMLIN TRANSMISSION CORPORATION, OF SUITE 1, 35 DANBURY ROAD, WILTON, CONNECTICUT 06897, U.S.A. A U.S. COMPANY.

Inventors: GEORGE HAMLIN LEONARD, U.S.A.

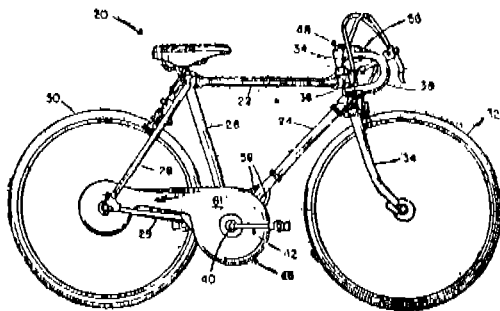
Application No. 412/Mas/90 filed on May 25, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A self adjusting drive means tensioning system for a variable transmission comprising : frame means ; a pair of spaced apart variable diameter sheaves mounted on said frame means ; endless drive means wrapped at least partially around each said sheave for transmitting rotational force from one said sheave to the other ; and tensioning means for said drive means with at least two spaced apart guide members adjacent said drive means for applying force through said guide members against said drive means to maintain said drive means around said sheaves in optimum driving relationship for all diameter of said sheaves, said guide members being supported by said frame means for movement

in a non-rotational path as determined by the geometry of said drive means depending upon the diameters of said sheaves for any given ratio of the transmission whereby as the ratio of the transmission changes and said drive means achieves a new geometry in response to the changing diameters of said sheaves, said drive means automatically adjusts the position of said tensioning means.



(Compl. 27 pages;

Drwgs. 8 sheets)

Ind. Cl. : 205 B,
Ind. Cl.⁴ : G 01 M 1/32

G

178122

METHOD OF MAKING A DEFECT FREE TIRE BY CORRECTING DEFECTS IN UNIFORMITY IN A TIRE MADE BY CONVENTIONAL MANNER.

Applicant : COMPAGNE GENERAL DES ETABLISSEMENTS MICHEUN-MICHELIN & CIE; OF 12, COURS SABLON, 63040 CLERMONT-FERRAND CEDEX, FRANCE, A FRENCH COMPANY.

Inventors: JEAN 4- BAPTISTE ROUSSEAU, FRANCE.

Application No. 506/Mas/90 filed on June 25, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A method of making a defect free tire by correcting defects in uniformity in a tire made by conventional manner, said method comprising the steps of mounting the tire made by conventional manner on a rim having flanges (20) with a vertical wall portion (23) perpendicular to the axis of rotation, rolling the mounted inflated tire and under load on the drum of a uniformity machine, graphically recording the variation in radial force (FR) of the rolling assembly consisting of tire and rim, removing the tire for from its rim, breaking down the variation in radial force (FR) obtained into its harmonics of the 1st to 16th order; checking the variations in the amplitudes of these harmonics with respect to pre-fixed control limits; recomposing a variation of radial force (FRn) taking into account the harmonic to be corrected of the highest order and all harmonics of lower-order; determining the amplitude of the variation of radial force (FRn) thus obtained and the circumferential positions of the optimums (maximum F_m and minimum F_m of the said recomposed variation of radial force (F_n); and modifying the positions of the bead wires of the tire by placing compensation wedges (30) in the form of circular rings made of plastic elastomeric material or composite material having a density of not more than 1.2 gm/cc between the vertical walls of the beads (23) of the rim flanges (20) and corresponding walls of the beads (12) on each side of the tire, the said compensation wedge (30) having outside radius (R_1) at least equal to the radius (R_1) of the point of tangency (T) between the upper rounded portion (24) and the vertical wall (23) of the flange of the rim (20), inner radius (R_2) not exceeding the radius (R_s) of the point of tangency (S) between the vertical wall (23) and the lower rounded portion (22) of the flange of the rim (20) and the thickness (e) being constant radially over the height (H) of the vertical wall portion and varies circumferentially between a maximum value (e_m) at a point where the recomposed variation in radial force, (FRn) has maximum

value (F_m) and a minimum value (e_m) of 0.3 mm at a point where the recomposed variation in radial force (FRn) has a minimum value (F_m).



(Compl. 22 pages;

Drwgs. 5 sheets)

Ind. Cl. : 172 D4
Int. Cl.⁴ : D 01 H 1/10

178123

AN APPARATUS FOR REMOVING A CARRIER AND TRANSPORT ADAPTER FROM A SPINDLE ASSEMBLY OF A TEXTILE YARN PROCESSING MACHINE AND SECURING THE FREE END PORTION OF YARN FOR TRANSPORT.

Applicant : PALITEX PROJECT-COMPANY GMBH OF WEESERWEG 60, 4150 KREFELD 1 GERMANY, A GERMAN COMPANY.

Inventors : SIEGFRIED INGER; GERMANY.

Application No. 513/Mas/90 filed on June 26, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

An apparatus for removing a carrier and transport Adapter from a spindle assembly of a textile yarn processing machine, in particular a two-for-one twister, after yarn processing of a supply package has been completed and for securing a free end portion of yarn which extends from a residual amount of yarn on the substantially empty yarn, supply package and into the hollow spindle to prepare said adapter for transport away from said spindle assembly, said apparatus comprising : movable gripper arm means for moving to said spindle assembly and gripping said adapter on the outer circumference at an upper end thereof above said yarn package and for moving away from said spindle assembly for removing therefrom said adapter and substantially empty yarn supply package ; cutting means for cutting, the free end portion of yarn extending from said substantially empty yarn supply package to a desired length defining a terminal part prior to removing said adapter and substantially empty yarn supply package from said spindle ; movable suction arm means for moving to said spindle assembly and into position at the upper end of said adapter and above said gripper means for removing the cut-off part of the free end portion of yarn after cutting thereof and compressed air injector yarn threading means in said hollow spindle for being actuated for inserting at least the terminal part of the cut length of the free end portion of yarn into the hollow interior of said adapter for securing the free-end portion of yarn.

(Compl. 30 pages; Drwgs. 8 sheets)

Ind. Cl. : 172-D2; 172-D4
Int. Cl.⁴ : D 01 H 1/10; D 01 H 9/00.

178124

A MAINTENANCE DEVICE FOR TWO FOR ONE TWISTER,

Applicant : PALITEX PROJECT-COMPANY GMBH.. OF WEESERWEG 60, 4150 KREFELD 1 FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY

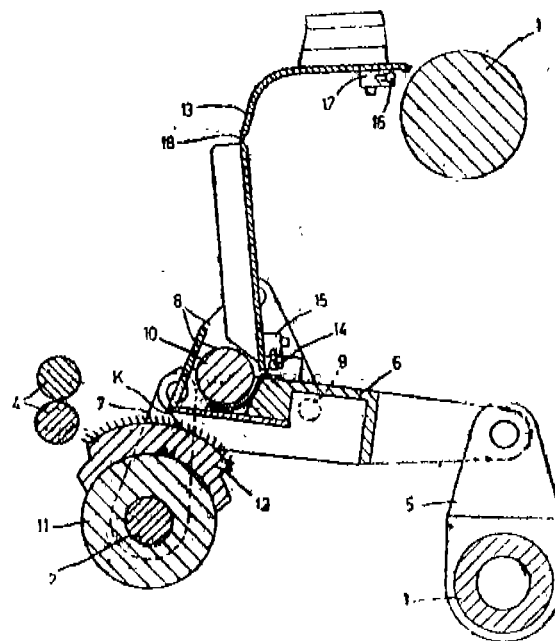
Inventor: (1) SIEGFRIED INGER, GERMANY.

Application No 514/Mas/90, filed June 26, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

(8 Claims)

A maintenance device for two-for-one twister having a plurality of spindle assembly stations in side by side relationship along its length comprising a housing movable to each of the spindle assembly stations, at least one gripping means mounted therein and movable out of the said housing for gripping an adapter means mounted in the spindle assembly at a selected station for moving and depositing the same at a predetermined location and then gripping an adapter means with full yarn package for moving and depositing the same on the selected spindle assembly, the said housing provided with two horizontally spaced upwardly extending mandrel means, one of the said mandrel means receiving, supporting and moving the adapter means with empty yarn package from the said gripper means, the other mandrel means receiving, supporting and moving the adapter means with full yarn package, the said mandrel means having a rotatory head means for rotation about a horizontal axis in the said housing, motor means for selectively driving the said rotatory head means, two separate arms for mounting each of the said mandrel on its outer end, releasably carried by the said head means at their inner ends for rotating the mandrels into and out of the said housing, lifting means having a vertical rail, a tow carriage means having track rolls, and a driven belt attached to the said tow carriage and extending parallel along the said vertical rail, the said rotatory head means also provided with diametrically opposite vertically extending guide rail sections, the said vertical rail being complementary to the said arms.



(Com: : 13 pages; Drwgs. : 3 Sheets.)

(Com. : 21 pages; Drwgs. : 6 Sheets.)

Ind.Cl. : 172 D4 178126.
Int. Cl.⁴ : D 01 H 13/30.

APPARATUS FOR THE AUTOMATIC REFILLING OF A LUBRICATING HEAD WITH A WETTING AGENT.

Applicant : PALITEX PROJECT-COMPANY GMBH., OF WEESERWEG 60 4150 KREFELD FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) ULRICH LOSSA, GERMANY (2) HEINZ STENMANS, GERMANY.

Application No. 520/Mas/90, filed June 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

(10 Claims)

An apparatus for automatic refilling of a lubricating head (50) with a wetting agent, the said lubricating head being provided within the hollow shaft of a two for one twisting spindle (A), and interposed with a package adaptor (5) wherein the said lubricating head has a tank (51) for holding a wetting agent and a porous rotatable wetting body, the said wetting body wetting the yarn by capillary action with the said wetting agent as the yarn passes over, and a maintenance automat (B) the said automat (B) comprising a housing provided with a guide slot for a rotatable cross arm carrying a mandrel and gripping means capable of upward and downward movement to raise the lubricating head from the package adaptor, to the maintenance automat the said maintenance automat also being provided with a refilling station to receive the lubricating head having means for refilling the same with the wetting agent,

(Com. : 16 pages; Drwgs. : 2 Sheets.)

Ind. Cl. : 172 D4 178127.
Int. Cl.⁴ : D 01 H 13/30.

AN APPARATUS FOR REFILLING A YARN WETTING AGENT INTO YARN WETTING DEVICES.

Applicant: PALITEX PROJECT-COMPANY GMBH., WEESERWEG 60, 4150 KREFELD, FEDERAL REPUBLIC OF GERMANY. A GERMAN COMPANY.

Ind. Cl. : 172 C 2 178125.

Int. Cl.⁴ : D 01 G 19/06.

A LAP FEED PLATE CONNECTED TO OSCILLATING NIPPERS IN A COMBING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG. A BODY CORPORATE ORGANIZED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors : DR. GIANCARLO MONDINI, SWITZERLAND, WALTER ACKERET, SWITZERLAND.

Application No. 515/Mas/90 filed 26, June 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

(8 Claims)

A lap feed plate connected to oscillating nippers (6, 8) in a combing machine and affective to guide the lap to be combed, the said lap being fed to a feed roller (10) mounted in the nippers (6, 8), characterised in that the plate (13; 13.1; 13.2) is made of plastics, is connected by way of a first edge to the oscillating nippers (6, 8) and by way of a second edge to an attaching element (16; 16.1) rigidly secured to the frame and disposed near a lap roller (1) of the combing machine and said plate has a reduced thickness between the two edges in at least one linear bend zone (18; 18.1) which extends substantially parallel to the edges and over the whole width of the plate.

Inventors : (1) ULRICH LOSSA, GERMANY. (2) HEINZ STENMANS, GERMANY.

Application No. 521/Mas/90, filed June 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

7 Claims

An apparatus for refilling a yarn wetting agent into yarn wetting devices when said wetting device is removed from the spindle axis and running yarn path, the said wetting device having a storage tank for containing the wetting agent and a porous wetting body extending into said storage tank for absorbing the wetting agent by capillary action, the said apparatus is mounted at each spindle assembly of a textile machine, in particular a two-for one twisting spindle, and comprising a supply tank for containing wetting agent, conduit means connected at one end to said supply tank and leading therefrom to each of said spindle assemblies out of the spindle assembly axis and running yarn path for conveying wetting agent and refilling apparatus valve means mounted at each of said spindle assemblies and connected to said conduit means, wherein cooperating valve means are provided in said storage tank of said wetting device for connecting with said refilling apparatus valve means and allowing filling of said wetting device storage tank with wetting agent from said supply tank.

(Com. : 15 pages;

Drwgs. : 5 Sheets.)

Ind. Cl. : 15 B, D, E.

178128

Int. Cl.⁴ : F 16 C 33/66.

SOLID-LUBRICATED BEARING ASSEMBLY.

Applicant : TRIBOLOGY SYSTEMS, INC. A PENNSYLVANIA CORPORATION OF 225A PLANK AVENUE PAOLI, PENNSYLVANIA 19301 U.S.A.

Inventors: (1) LEWIS B. SIBLEY, U.S.A. (2) C BRAIN KELLY, U.S.A.

Application No. 527/Mas/90, filed 28, June 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

30 Claims

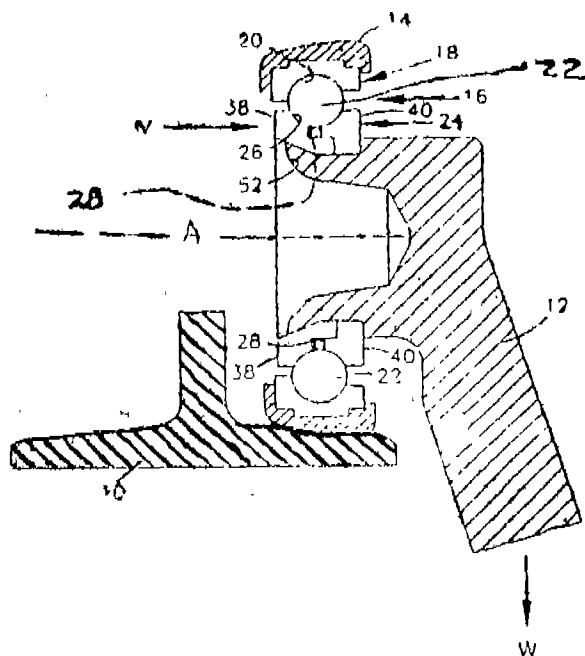
A solid-lubricated bearing assembly comprising (a) an outer bearing member having an inwardly facing race receiving rotatable bearing elements for rotating motion at the rotatable bearing elements relative to the outer bearing member;

(b) an inner bearing member having an outwardly facing race receiving the rotatable bearing elements for rotating motion of the rotatable bearing elements relative to the inner bearing member;

(c) rotatable bearing elements retained between the races of the inner and outer bearing members;

(d) solid lubricant material biased against at least one of the rotatable bearing elements for depositing a film of the

solid lubricant on the rotatable element as the rotatable elements rotate against and relating to the races.



(Com. : 28 pages;

Drwgs.

: 3 Sheets.)

Ind. Cl. : 127 G

178129

Int. Cl.⁴ : F 16 H 1/28

AN INVOLUTE GEAR PAIR

Applicant & Inventors : ZHENG YUE & LI LAN, BOTH OF ROOM 105, BUILDING 15 (OLD), BEICUN, NAN-KAI UNIVERSITY, TIANJIN, PEOPLE'S REPUBLIC OF CHINA.

Application No. 571/Mas/90 filed on July 17, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

11 Claims

An involute gear pair comprising an internal gear and an external gear having a tooth number differential (Δd) of not greater than 4, a reference helix angle (β) greater than or equal to 0, a face contact ratio (ϵ_{α}) greater than or equal to 0 wherein said gear pair has an addendum coefficient (h_a), a profile contact ratio (ϵ_{α}) and total contact ratio (ϵ_{Σ}) satisfying $h_a < 0.55$, $\epsilon_{\alpha} < 1$ and $\epsilon_{\Sigma} - \epsilon_{\alpha} + \epsilon_{\beta} \leq 0.7$ and wherein relationships among tooth number differential Δd between the internal gear and the external gear, the difference X in addendum modification coefficients X_2 and X_1 , respectively, of the internal gear and the external gear, and the addendum coefficient h_a satisfy the following table:

Δd	X	h_a
1	$ X \leq 0.1$	0.04 to 0.2
2	$ X \leq 0.1$	0.35
3 or 4	$ X \leq 0.1$	0.5

(Compl. 19 pages;

Drwgs. 1 sheet)

Ind. Cl. : 34 A 178130
 Int. Cl.⁴: B 29 C 67/22
METHOD OF MAKING FOAM SHEET MATERIAL.

Applicant : OWFNS-ILLINOIS PLASTIC PRODUCTS INC., A CORPORATION OF THE STATE OF DELAWARE U.S.A., OF ONE SEA GATE, TOLEDO, OHIO 43666 U.S.A.

Inventors: 1. JAMES A. KARABEDIAN, U.S.A. 2. MAURICE W. BLACKWELDER, U.S.A.

Application No. 608/Mas/yO, filed on July 27th 1900.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras, Branch.

18 Claims

A method of making foam sheet material comprising the steps of introducing atmospheric air as the blowing agent into a molten thermoplastic resin such as herein described, extruding the thermoplastic through an extruder in the form of a frustoconical tubular web at an angle to the axis of the extruder passing said frustoconical web over an internal cooling mandrel to cool the interior of the web, simultaneously and continuously applying cooling air axially to the outside of said frustoconical web at an acute angle tangentially to the web whereby moving the cooling air in a direction parallel to the frustoconical web from adjacent the extruder to adjacent the internal cooling mandrel, such that the external surface of the frustoconical web is cooled by the cooling air and by the additional ambient air drawn by the cooling air against the external surface of the frustoconical web thereby leaving no residual blowing agent in the resultant foam sheet material without corrugations and dimensionally stable at ambient temperature.

(Compl. 30 pages; Drwgs. 3 sheets)

Ind. Cl. : 163 D; 36 A 3 178131
 Int. Cl.⁴: F 01 D 5/12

AN AXIAL FLOW UNIDIRECTIONAL AIR IMPELLER.

Applicant : THE TORRINGTON RESEARCH COMPANY, PO BOX 536, TORRINGTON CT 06790, U.S.A. INCORPORATED IN THE STATE OF CONNECTICUT, U.S.A.

Inventor: JOHN F. O'CONNOR, U.S.A.

Application No. 19/Mas/91, filed January 16, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

An axial flow unidirectional air impeller suitable for automotive radiator, heat exchanger and the like comprising a hub rotatable about an axis, the said hub carrying plurality of radially outwardly projecting air moving blades integral with the circumference of the said hub, each of said blades having a root end portion integral with the hub and a radially outwardly disposed tip end portion with smoothy curving side edges therebetween, the said side edge comprising a leading edge curving substantially forward from the root end portion towards the tip end portion, the projected width of each blade being at least 40% greater at the tip end portion than at the root end portion, the thickness of each blade varying from a maximum at the root end portion to a minimum at the tip end portion, the maximum thickness at the tip end portion being at least three times the thickness at the trailing edge of the blade and an orifice ring is provided integral with each blade tip end portion and circumscribing the plurality of blades, said orifice ring having an upstream end and a downstream end and having a flange at one end with a substantially smooth radius at the junction with the ring portion.

(Compl. 15 pages; Drwgs. 1 sheet)

Ind. Cl. : 32 E 178132
 Int. Cl.⁴: C 08 C 18/00

A PROCESS FOR PREPARING AN ISO CYANATE TERMINATED PREPOLYMER.

Applicant: THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U.S.A.

Inventors : 1. RICHARD J ELWELL, NETHERLANDS 2. ROBERT A. SEWELL, NETHERLANDS. 3. WERNER A. LIDY, NETHERLANDS. 4. JOHN A THOEN, NETHERLANDS.

Application No. 114/Mas/91, filed on February 11, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A process for preparing an isocyanate-terminated prepolymer by intimately contacting, at a temperature of from 45 to 90°C, a polysocyanate comprising 4, 4-methylene diphenyl diisocyanate in from at least 40 weight percent with a polyoxyalkylene polyol, wherein the polyol has an average functionality of from 2 to 4 and a hydroxyl equivalent weight of from 2200 to 3500 and contains oxyethylene residues in from 40 to 68 percent by weight, and wherein the relative amount of polyoxyalkylene polyol to polyisocyanate is such to provide the prepolymer with an isocyanate content of from 5 to 31 weight percent.

Ref. Cited :—U.S. Patent No. 4256849

Euro Patent No. 22617

(Compl. 26 pages; Drwgs. 0 sheet)

Ind. Cl. : 34 A 178133
 Int. Cl.⁴: C 08 J 5/18

A METHOD OF MANUFACTURING A COMPOSITE SHEET WITH CONTROLLED POROSITY.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 3M CENTER, SAINT PAUL, MINNESOTA 55144. UNITED STATES OF AMERICA.

Inventors : 1. DONALD F. HAGEN, U.S.A. 2. CRAIG G. MARKELL, U.S.A. 3. WILLIAM V. BALSIMO, U.S.A. 4. LOUIS A. ERREDE, U.S.A.

Application No. 144/Mas/91 filed on February 20th 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A method of manufacturing a composite sheet with controlled porosity comprising the steps of :

(a) admixing lubricant with a blend comprising insoluble, non-swellable, sorptive particles and polytetrafluoroethylene to form a soft dough-like mass, the lubricant being present in an amount to exceed the sorptive capacity of the particles by at least 3 weight percent, said mass having a cohesive consistency, and the ratio of insoluble particles to PTEE being in the range of 40 : 1 to 1 : 4;

(b) intensively mixing said mass at a temperature and for a time sufficient to cause initial fibrillation of said PTEE particles;

(c) biaxially calendering said mass between gaps in calendering rolls maintained at a temperature and for a time while closing the gap between the calendering rolls with each successive calendering operation, to cause additional fibrillation of said PTEE particles; and

(d) removing lubricant from the resultant sheet to provide a self-supporting tear-resistant sheet comprising a network of interlaced microfibrinous PTEE forming a fibril matrix having enmeshed therein said sorptive particles said article having a void volume in the range of 30 to 80 percent and a mean pore size in the range 0.3 to 5.0 micrometers, wherein said void volume and mean pore size vary directly with and are controlled by the amount of lubricant present during processing.

Ref. Cited :

U.S. Patent Nos. 4810381 & 4871671.

(Compl. 47 pages Drwgs. 3 sheets)

Ind. Cl. : 118A 178134.

Int. Cl.⁴ : B 62 D 55/08.

IDLER WHEEL ASSEMBLY FOR GUIDING AND CARRYING ENDLESS TRACK CHAINS OF A TRACK-TYPE VEHICLE.

Applicant : CATERPILLAR INC., OF 100 N.E. ADAMS STREET, PEORIA, ILLINOIS 61629-6490, U.S.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE.

Inventor : (1) MARK S. DIEKEVERS, U.S.A.

Application No. : 185/Mas/91, filed March 4, 1991.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

10 Claims

An idler wheel assembly for guiding and carrying endless track chains of a track-type vehicle, comprising a central hub portion; an annular rim portion; first and second side-wall portions joining said hub portion to said rim portion, said side-wall portions having a plurality of aligned apertures therethrough, said apertures being substantially equally spaced circumferentially about said hub portion; and plurality of resident plug assemblies, one plug assembly positioned in each, set of aligned apertures, said plug assemblies each having first and second plates, a resilient pad positioned between said plates and said idler wheel side wall portions, and means for securing said first plate to said second plate and for securing said pad between said plates and said side wall portions.

(Com. : 13 pages; Drwgs. : 4 sheets)

Ind. Cl. : 116 F 178135.

Int. Cl.⁴ : B 66 B 11/04.

A GEARLESS LIFT DRIVING MACHINE.

Applicant: INVENTIO AG., SEESTRASSE 55 CH-6052. HERGISWIL NW/SWITZERLAND, A SWISS COMPANY.

Inventors : (1) JOSEF VERTESY, SWITZERLAND (2) ANDRZEJ CHOLINSKI, POLAND.

Application No. 459/Mas/91 filed June 14, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

13 Claims

A gearless lift driving machine comprising a machine frame (1) with a hoist motor (13) which drives a main shaft (6), the said hoist motor consists of a stator (14) and a rotor (16), a drive pulley (9) being provided at the output side of the main shaft (6), the said drive pulley (9) having cable grooves for guiding the carrying cables connecting the cage with the counterweight, the drive pulley (9) being located between a loose bearing (7) and a fixed bearing (8) wherein the said main shaft (6) has a free driven end and the hoist motor (13) has an overhung rotor (16) detachably connected with the free end of the main shaft (6).

(Com. : 12 pages; Drwgs. : 3 Sheets)

Ind. Cl. : 32-C & 40-F 178136.

Int. Cl.⁴ : C 07 H 1/00, C 07 K 1/00.

A REACTOR SYSTEM AND A METHOD FOR SYNTHESIZING A PLURALITY OF AMINO ACID OR NUCLEIC ACID ON A SUBSTRATE.

Applicant: AFFYMAX TECHNOLOGIES N. V., (A NETHERLANDS ANTILLES CORPORATION), DE RUYDFRKADF 62, CURACO, NETHERLANDS ANTILLES.

Inventors : (1) STEPHEN P. A. FODOR, U.S.A.

(2) LUBERT STRYER, U.S.A.

(3) JAMES L. WINKLER, U.S.A.

(4) CHRISTOPHER P. HOLMES, U.S.A.

(5) DENNIS W. SOLAS, U.S.A.

Application No. 881/Mas/91, filed November 27, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A reactor system for synthesizing a plurality of amino acid or nucleic acid polymer sequences on a substrate comprising (a) a reactor for contacting reaction fluids to said substrate, (b) delivery means for delivering selected reaction fluids to the said reactor, (c) masking means for making the substrate, (d) means for moving the said mask or substrate from at least a first relative opposition, (e) light source for illuminating said substrate through the said mask at selected intervals, and (f) a computerized means for directing the flow of fluid from the reactor to selected regions on the substrate.

A method for synthesizing a plurality of amino acid or nucleic acid polymer sequences on a substrate in the reactor system as claimed in claim 1 by sequential addition of reagents by serially protecting and deprotecting portions of said plurality of polymer sequences by a binary synthesis, said binary synthesis comprising the steps of deprotecting a first portion of said plurality of polymer sequences on said substrate; reacting said first portion of said plurality of polymer sequences with a first reactant; deprotecting at least a third portion of said plurality of polymer sequences on said substrate, said third portion comprising a fraction of said first portion of said plurality of polymer sequences; and reacting said at least third portion of said plurality of polymer sequences with a second reactant.

(Com. : 89 pages; Drwgs. : 16 Sheets),

Ind. Cl. : 179 C 178137.

Int. Cl.⁴ : B 65 D 41/34,

METHOD AND APPARATUS FOR MAKING A CLOSURE.

Applicant : OWENS-ILLINOIS CLOSURE INC. A CORPORATION OF DELAWARE, OF ONF SEA GATE, TOLEDO, OHIO 43666, U.S.A.

Inventor : (1) KEITHW INGRAM (2) DANIEL J. CROWLEY.

Application No. 39/Mas/93 filed on 22nd January 1993.

Divisional to Patent Application No. 794/Mas '89 Antedated 31st October 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A method of making a closure having an annular bond in an annular flange extending axially inwardly with respect to a base wall comprising the steps of forming a plastic closure having a bare wall and a peripheral skirt, said skirt having a temper indicating band and an integral flange extending radially inwardly and axially outwardly with respect to the base wall, said annular flange having a first

continuous annular flange portion and a second portion, said annular flange portion having a free edge and being connected to the tamper indicating band by a hinge portion; advancing a plunger into the closure to engage said flange to form said bend in the annular flange portion intermediate the hinge portion and the free edge of said second portion, and to deform the flange portion so that it forms a lesser bend with the axis of the closure than the bend formed initially, and to invert the flange portion so that it extends radially inwardly and upwardly relative to the base wall of the closure.

References: Us Patent Nos. 4,394,918, 4,550,844, 4,807, 771.

(Com. : 22 pages; Drwgs : 7 Sheets).

Ind. Cl.: 39-L 178138.
Int. Cl.⁴ : C 01 F 7/02.

A PROCESS FOR PRODUCING SUBSTANTIALLY PURE OXIDES OF ALUMINUM.

Applicant : PLASMA PROCESSING CORPORATION, A DELAWARE CORPORATION, OF MILLWOOD, WEST VIRGINIA 25262-0449, U.S.A.

Inventors: (1) RICHARD DALE LINDSAY, U.S.A.
(2) JACK LEE DOCHTERMAN, U.S.A.
(3) DAVID LLOYD CHEEK, U.S.A.
(4) ROBERT LAMER KIRKLAND, U.S.A..

Application No. 662/Mas/93 dated September 21, 1993.

Divisional to Patent Application No. 871/Mas/89; Antedated to November 29, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for producing substantially pure oxides of aluminum from a solid material containing a mixture of non-metallic aluminum components, such as aluminum nitrides and aluminum chlorides, comprising the steps of heating the said mixture of components with a plasma arc torch to introduce an oxidizing gas as the arc gas and thereafter recovering the substantially pure oxide of aluminum in a known manner.

Ref. cited: (1) Indian Appln. No. 871/Mas/89 (2) U.S. Patent Nos 3,938,988 & 4,177,060.

(Com. : 17 pages; Drwgs. : 3 Sheets).

Ind. Cl. : 32-F.(c&d) 178139.
Int. Cl.⁴ : C 07 H 3/00.

A METHOD FOR SYNTHESISING MONO AND OLIGOSACCHARIDES ON A SOLID SUPPORT.

Applicant : THE TRUSTEES OF PRINCETON UNIVERSITY, WASHINGTON ROAD, P.O. BOX 36, PRINCETON, NEW JERSEY 08544, U.S.A., AN AMERICAN INSTITUTE.

Inventor : KAHNE, DANIEL E., U.S.A.

Application No. 119/Mas/94 filed February 23, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A method for synthesising mono and oligosaccharides such as herein described, on a solid support comprising the steps of binding at least one known glycosyl acceptor (GA) to a solid resin support, reacting the said resin bound glycosyl acceptor in sequence with one or more known glycoside (G) having an activated anomeric sulfoxide group in the presence of an organic solvent under known glycosylation conditions to form a glycosidic bond linking the said glycosyl acceptor and the anomeric carbon of said glycoside and recovering the resulting saccharides in a known manner.

of an organic solvent under known glycosylation conditions to form a glycosidic bond linking the said glycosyl acceptor and the anomeric carbon of said glycoside and recovering the resulting saccharides in a known manner.

(Com. : 104 pages; Drwgs. : 21 Sheets).

Ind. Class : 83-B, 178140
Int. Cl.⁴ : A 23 L 1/00

A PROCESS FOR PREPARING A HEAT STABILISED FOOD PRODUCT.

Applicant : SOCIETE DES PRODUITS NESTLE S.A., A COMPANY INCORPORATED IN SWITZERLAND, OF PO BOX 353, 1800 VEVEY, SWITZERLAND.

Inventors: (1) LADISLAS COLAROW, SWITZERLAND.
(2) ERNESTO DALAN, ITALY. (2) ANDREJ KUSY, SWITZERLAND.

Application No. 410/Mas/94 dated May 17, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for preparing a heat stabilised food product comprising the step of adding a heat-stabilizing composition containing lysolecithin and a polymer of glucides selected from pectin, a food-quality gum and mixtures thereof to a food product, selected from minced meat, sauce, pizza dough, mayonnaise, milk powder, cream and egg yolk to obtain the heat stabilised food product.

Compl. Specn 19 pages

Ind. Cl. : 32 F 178141
Int. Cl.⁴ : C 08 F 2/42, C 08 G 8/18

A PROCESS FOR THE PREPARATION OF NOVEL UNSATURATED POLYESTER.

Applicant : THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, C.G.O. COMPLEX, NEW DELHI (INDIA) AN INDIAN NATIONAL.

Inventors : JAI PRAKASH AGRAWAL, MORESHWAR PANDIT CHOUK, KIRAN SHANTARAM KULKARNI, RAVINDRA SHAMKANT SATPUTE, VRUNDA KISHORE PHADAKE.

Application for Patent No. 825/Del/89 filed on 15 Sep 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office Branch, New Delhi - 110 005.

9 Claims

A process for the preparation of novel unsaturated polyester which comprises in subjecting a mixed diol in the presence of a diacid to three steps of condensation, the first step of condensation comprises heating said mixed diol as herein described and a diacid such as isophthalic acid and p-toluene sulphonic acid at a temperature of 145 to 170°C, the second step of condensation being carried out in the presence of a second diacid such as adipic acid at a temperature of 145 to 170°C, the third step of condensation being carried out in the presence of a third diacid such as maleic acid or anhydride at a temperature of 180 to 190°C

Compl. Specn. 13 pages Drss. sheet nil

Ind. Cl. : 35E 178142
Int. Cl.⁴: C04B 35/04

A SYNERGISTIC MIXTURE OF PARTICLES FOR USE IN THE SUBSEQUENT PREPARATION OF A COHERENT REFRACTORY MASS ON A SUBSTRATE.

Applicant : GLAVERBEL, OF CHAUSSEE DE LA HULPE, 166, B-1170 BRUSSELS. BELGIUM.

Inventor : LEON-PHILIPPE MOTTET, PIERRE ROBYN. PIERRE LAROCHE.

Application for Patent Application No. 1247/Del/89 filed on 26-12-89.

Ante-dated to 28-4-87.

Div. to Patent Appln. No. 369/Del/87 filed on 28-4-87.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

7 Claims

A synergistic mixture of particles for use in the subsequent preparation of a coherent refractory mass on a substrate by the projection of said mixture against said substrate in the presence of oxygen, said synergistic mixture comprising :

from 5% to 30% by weight of finely divided fuel particles of at least one element capable of oxidation to form a refractory oxide said fuel particles having a mean grain size of less than 50 μ m ;

from 2% to 50% by weight of carbonaceous particles such as herein defined selected from :

particles of a polymeric material such as herein described ; carbonaceous particles having a mean size in excess of 0.5 mm ; and

carbonaceous particles each comprising a core of carbonaceous material covered with a mantle of a material such as herein described which inhibits oxidation of said core during subsequent preparation of said coherent refractory mass ; and

the remainder made up of refractory particles such as herein described.

Compl. Specn, 22 pages Drgs. Sheets Nil

Ind. Cl. : 32C 178143
Int. Cl. : C08F 112/08

PROCESS FOR PREPARING EXTRUDED FORAM BODIES.

Applicant : U. C INDUSTRIES INC.

Inventor : JOSEPH A. BRACKMAN, RAYMAOND M. BREINDEL.

Application for Patent No. 185/Del/90 filed on 28-2-90.

Convention Data.

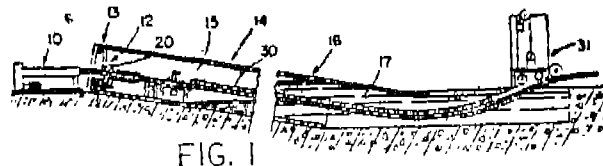
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A process for preparing an extruded thermoplastic resin elongate foam body comprising an alkeny-substituted aromatic resin characterized as having a density of between 0.9 and 3.5 pounds per cubic foot which comprises the steps of (A) heat plastifying said thermoplastic resin ; (B) adding at least one blowing agent as described herein, (C.) uniformly mixing the blowing agent in the resin under a pressure sufficient to prevent blowing of the resin thereby forming a blowable resin mixture as herein described. (D) extruding the mixture into a resin having a pressure from 2 to 27

inches of mercury absolute wherein the blowable resin mixture expands into a form body and (E) cooling the form body.

Ref. : US Patent Nos. 3960792, 3770668, 3584108, 3169272, 3822331, 3704083 and 4044084.-



(Compl. Specn 29 pages

Drg. 1 sheet

Ind. Cl. : 61 HK 178144
Int. Cl.⁴ : A 61 F 13/16

A DISPOSABLE ABSORBENT ARTICLE HAVING ELASTICALLY EXTENSIBLE TOPSHEET.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE VLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA.

Inventors: (1) MARY ELAINE FREELAND, U.S.A. (2) PATRIC JAY ALLEN, U.S.A.

Application for Patent No. 228/Del/90 filed on 9th March, 1990.

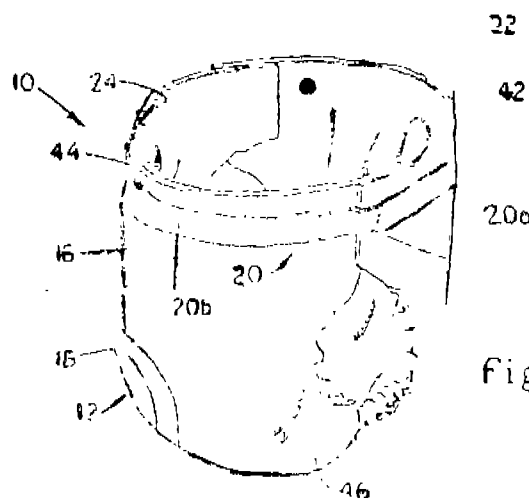
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

1. A disposable absorbent article which comprises a liquid impervious backsheet, a liquid pervious topsheet which is at least partially peripherally joined to said backsheet said topsheet being elastically extensible without rupture in at least one direction to an elongation substantially between 50% to 350% under a tensile load of substantially 800 crams per centimeter of width, and an absorbent core positioned between said topsheet and said back sheet.

Foreign Patent references :

U.S. Patent 3,860,003 ; U.S. Patent 4,333,782 ;
U.S. Patent 4,450,026 U.S. Patent 4,720,415
U.S. Patent 4,731,066



Compl. Specn. 26 pages

Drgs. 3 sheets

Ind. Cl. : 170 B+D 178145

Int. Cl.⁴: A 45 D, 19/00, A61 K, 7/075**IMPROVED HAIR CONDITIONING SHAMPOO.**

Applicant : COLGATE PALMOLIVE COMPANY OF 300 PARK AVENUE, NEW YORK 10022, USA.

Inventors : DONNA ANN HARTNETT, U.S.A. ; CHARLES REICH, U.S.A. ; AMRIT MANILAL PATEL, U.S.A. ; CLARENCE RALPH ROBBINS, U.S.A.

Kind of Application : Complete.

Application for Patent No. 0584/Del/90 filed on 14-6-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An improved hair conditioning shampoo comprising by weight 5 to 35 percent of water soluble anionic detergent including therein 0.5 to 25 percent by weight of the shampoo composition of one or more of a C₆C₈ and C₁₀ alkylsulfate and C₆, C₈, C₁₀ alkylethoxy sulfate;

0.5 to 10 percent of a water insoluble hair conditioning agent selected from the group comprising organosilicone compounds, Polyethylenes paraffins, petrolatums, microcrystalline waxes, C₁₈-C₃₆ (mixed) fatty acid and mixed triglycerides, stearic stearate, beeswax, cationic quaternary ammonium salts and mixtures thereof ;

0.5 to 10 per cent of long chain alkylcontaining compound having 28 to 45 carbon atoms in the hydrocarbon chain selected from the group consisting of an alcohol, an ethoxylated alcohol an acid or an ester or any mixtures thereof ; and the balance aqueous medium including adjuvants and other conventional components of such shampoos.

Ref. : U.S -5213716
4707293
4824602
4850732
4859500

Compl. Specn. 40 pages

Drgs. Sheets Nil

Ind. Cl. : 16B & 16D 178146

Int. Cl.⁴ HO 4^R 1/30**PIEZO ELECTRONICS HORN.**

Inventor : WILLIAM P. BUYAK, U.S.

Applicant : GENERAL SIGNAL CORPORATION, OF HIGH RIDGE PARK, BOX-10010 STAMFORD, STATE OF CONNECTICUT, U.S.A.

Kind of application : Complete.

Application for Patent No. 0642/Del/90 and filed on 26-6-90.

Appropriate Office for filling Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

9 Claims

A piezo electronic horn for alarm circuits of the type in which a D.C. power supply of particular polarity indicates an alarm condition comprising a pair of power supply terminals connected to said D.C. power supply ; a capacitatively, chargeable piezo sounder device connected across said supply terminals;

an inductor connected in parallel with said piezo sounder device to form a tank circuit ;

a current control means having a set input, a reset input, and an output circuit inserted in series circuit with said parallel circuit and said power supply terminals for controlling current flow through said series circuit, said current

control means operable for enabling said output circuit to become conductive in response to a set pulse signal on said set input so as to initiate charging current flow from said supply through said parallel circuit non-conductive to cut off said charging current in response to the simultaneous presence of a reset signal on said reset input and the absence of set pulse signal on said set input;

an oscillator circuit for generating periodic set pulse signals for receipt by said set input, each said set pulse signal being of a duration of time sufficient to make said output circuit conductive for at least a period corresponding to the period when the capacity charging of said piezo sounder device exceeds a predetermined reset value; and a reset circuit for monitoring current flow through said series circuit and generating a reset signal for receipt by said reset input of said current control means when the current through said series circuit reaches said predetermined reset values so that said output circuit will become non-conductive after the capacitance of said piezo sounder has been substantially charged, and to allow said tank circuit to go into decaying oscillation or its natural frequency until the beginning of a next period when output circuit again becomes conductive.

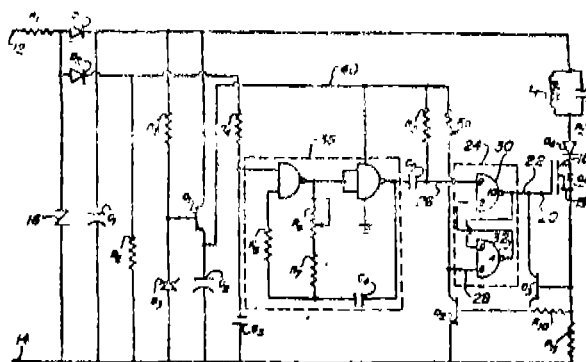


FIG. 1

Compl. Specn. 17 pages

Drgs. 2 sheets

Ind. Cl. : 206E ; 29A

178147

Int. Cl. : G06F 7/00 15/00

DATA PROCESSING SYSTEM.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION OF ARMONK, NEW YORK 10504, USA.

Inventor : RALPH M. BEGUN.

Application for Patent No. 605/Del/90 filed on 20-6-1990.

Convention Data: 15-2-1990/9003469.5/GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

A data processing system having a system memory comprising a multiplicity of addressable memory locations accessible in accordance with memory addresses a memory controller connected to said system memory and a bus connected to said memory controller for reading data from said memory in a pipelined mode of operation, said memory controller being operative to transmit a plurality of signals to said system memory including memory addresses comprising processor operative for generating a burst cycle request including a plurality of burst signals defining a burst mode of operation for fetching from said memory a predetermined number of plurality of data items said burst mode being incompatible with said pipelined mode said processor generating a first system address of a first data item in said plurality of data items and connecting means for connecting said processor to said bus, said connecting means including converter logic means for converting said burst signals from said processor during said burst mode of operation into pipeline signals in accordance with said pipelined

mode of operation, said logic means transmitting said pipeline signals by said bus to said system memory controller whereby said plurality of data items are fetched from said system memory during successive cycles, said pipeline signals comprising said first system address and a plurality of subsequent system addresses of additional ones of said plurality of data items subsequent system addresses being generated by said converter logic means.

Ref.: GB_903469.5

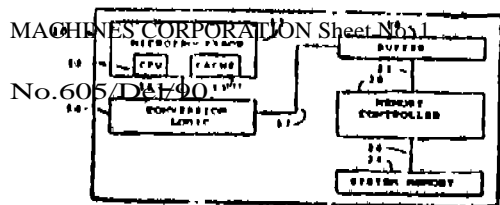


FIG. 1

(Compl. Specn. 16 pages Drwgs. 2 sheets)

Ind. Cl.: 128 K.G. 178148

Int. Cl.⁴: A 61 B 1/00, 1/04, 1/32, 13/00, 17/00.

A MICROSCOPE ENDSCOPE DEVICE.

Applicant: CLAUDE LEON OF HAMEAU DE POGGIOLI, 20144 SAINTE LUCIE DE PORTO VECCHIO, FRANCE; JOSEPH LEON, OF HAMEAU DE POGGIOLI, 20144 SAINTE LUCIE DE PORTO VECCHIO, FRANCE; JEAN-MARIE LEON, CAPO DI LECCI 2017 PORTO VECCHIO, FRANCE.

Inventors: CLAUDE LEON, FRANCE; JOSEPH LEON, FRANCE; JEAN MARIE LEON, FRANCE.

Kind of Application: Complete.

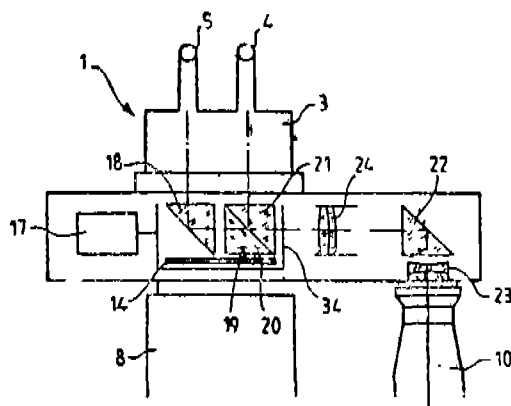
Application for Patent No. 858/Del/90 filed on 24-8-90.

Appropriate Office for Opposition Proceedings (Rule 4, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

A microscope-endoscope device comprising on one hand, a microscope (1) consisting of a binocular, (3), an optical body (8) and an objective (9) and on the other hand an endoscope (2) provided with an extension (10) and an outlet ocular (16), comprising a communicating (12, 13, 14; 16, 19, 14) modulus placed between the binocular (3) and the optical body (8) of microscope (1) and the outlet ocular (16) of endoscope (2) to simultaneously View through each (4,5) ocular of the microscope respectively to willingly observe either the optical way of the microscope (1) or on the optical or electronic way of the endoscope (2) or simultaneously both optical way of microscope (1) and optical or electronic way of the endoscope (2) on purpose to scan the object to be investigated.

Ref.: Nil



(Compl. Specn. 12 pages

Drwgs. 4 Sheets)

Ind. Cl.: 390

178149

Int. Cl.⁴: C 01 B 33/26, 33/32

AN IMPROVED PROCESS FOR THE PREPARATION OF AN AMORPHOUS SODIUM ALUMINIUM SILICATE POWDER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors: DIPAK BALVANTRAI SHUKLA, INDIA; PRAVINCHANDRA MAHASUKHRAY OZA, INDIA; VINDO MANSUKHLAL SHETH, INDIA, VYOMESH PUSHKARRAY PANDYA, INDIA.

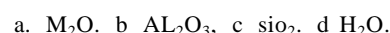
Kind of application: Complete.

Application for Patent No. 866/Del/90 filed on 30-8-90.

Appropriate Office for Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 Claims

An improved provided a process for the preparation of amorphous sodium aluminium silicate powder having the general formula



wherein M is an alkali metal, a.b.c. d represent the moles of the oxides present in the total composition, and $a=0.7$ $b=1.0$, $c=10$ & $d=5.5$ which comprises adding slowly an aqueous solution of alkali silicate to a solution of water Soluble salt of aluminium in the presence of a strong acid at a temperature in the range of 65-70°C and pH between 9-10 under constant stirring so as to keep the final resultant dispersion in fluid condition and separating the sodium Aluminium silicate powder by known methods.

Ref.: Nil

(Compl. Specn. 15 pages Drwgs. sheet Nil)

Ind. Cl.: 32 B

178150

Int. Cl.⁴: C 07 C 37/48

AN IMPROVED PROCESS OF PRODUCING LINEAR ALKYL BENEZENES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors: ASHOK KUMAR GUPTA, INDIA; RAMESHWAR PRASAD, INDIA,

Kind of Application: Complete.

Application for Patent No. 867/Del/90 filed on 30-8-90.

Appropriate Office for Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

5 Claims

An improved process of producing linear alkyl benzenes, suitable for the production of detergents, by the alkylation of benzene with C₁₀₋₁₄ olefins or n-olefin/paraffin mixture which comprises;

(a) reacting C₁₀₋₁₄ n-olefins or n-olefin/paraffin mixtures with benzene under a pressure between 1-30 atmospheres and a temperature between 60-150°C over an acid ion-exchange resin catalyst,

(b) maintaining a benzene to olefin molar ratio of 1 : 1 to 20 : 1 during the reaction,

(c) maintaining a catalyst to feed ratio (g/g) of 0.1 : 1 to 0.5 : 1,

(d) maintaining a space velocity [ml feed/(hour) (ml catalyst)] of 1 to 5 while operating continuously,

(e) removing an effluent comprising liquid product, unreacted benzene, olefins and inert materials mainly paraffins,

(f) separating the unreacted benzene and paraffins from said effluent by known methods, and

(g) recovering the linear alkyl benzene fraction substantially 260°C plus from the said linear alkyl benzenes fraction by known methods.

Ref. Nil

(Compl. Specn. 13 pages

Drwgs. Sheets Nil)

Ind. Cl. : 32 F (3d) 178153
 Int. Cl.⁴ : C 07 G 17/00

PREPARATION PROCESS OF GINKGOLIDE B FROM GINKGOLIDE C.

Applicant : SOCIETE DE CONSIELS DE RECHERCHES ET D APPLICATIONS SOIENTIFIQUES, OF 51/53 RUE DU DOCTEUR BLANCHE, 75016 PARIS, FRANCE.

Inventor: BENG-POON TENG, FRANCE.

Kind of Application : Conventional.

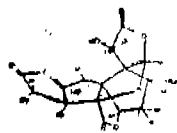
Convention date-GB/91 07425.2/9-4-91:

Application for Patent No. 285/Del/92 filed on 30-3-92.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

10 Claims

Process for the preparation of ginkgolide B, of the formula B



from ginkgolide C, of the formula C



the process comprising the following succession of four steps :

protecting the 10-hydroxy group of ginkgolide C by conversion to an alkyl ester, the reaction being effected in dimethylformamide at a temperature of from 15 to 50°C for from 4 to 10 hours;

activating the 7-hydroxy group of the resultant 10-protected ginkgolide C by conversion to a (R) thiocarbonyl ester wherein R represents a phenoxy group, a phenoxy group substituted by one or several halogen atom(s), or the imidazolyl group, by treating it respectively with an activating agent selected from within a phenylthiocarbonate, the phenyl group being optionally substituted by one or several halogen atom(s), and 1, 1' thiocarboryldimidazole, the activation being effected basic conditions at a temperature of from 0 to 40°C for from 1 to 24 hours ;

deoxygenating the 7-activated group in the resultant 10-protected 7-activated ginkgolide C by treating it with tributyltin hydride or tris-(Trimethylsilyl) silane, in an aprotic solvent, in the presence of a free-radical generator, the reaction being effected at a temperature of from 70 to 110°C for from 15 minutes to 3 hours under inert atmosphere, and

cleaving in any known manner such as hereinbefore described the protecting group for getting the 10-hydroxy group from the hereabove 10-protected ginkgolide B.

US Patent No. 4734.280 is referred in the specification.

(Compl. Specn. 11 pages

Drwg. sheets nil)

Ind. Cl. : C 07 101/54, A 61 K 31/185 178154

Int. Cl.⁴ : 55 E² & E₄

A PROCESS FOR THE PREPARATION OF NOVEL

Applicants : GOVIND MOHAN, OF 16, PRABHU NAGAR, JAIPUR HOUSE, AGRA, UP ; RAJESH NAGAR OF 32, KESHAV KUNJ II, PRATAP NAGAR, AGRA, UP; R. K. PARASHAR, OF FLAT NO. 22 (JANTA), POCKET 'C' GROUP II, HASTSAL, NEW DELHI.

Inventors : GOVIND MOHAN, INDIA; RAJESH NAGAR, INDIA ; R. K. PARASHAR, INDIA.

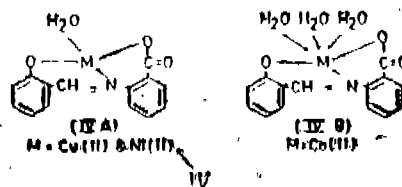
Kind of Application : Complete.

Application for Patent No. 551/Del/92 filed on 24-6-92.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

3 Claims

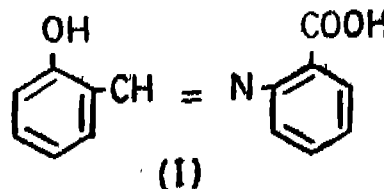
A process for the preparation of novel biologically active salicylidene anthranilic acid of formula I and its metal chelates of formula IV as shown in the accompanying drawing



wherein M stands for copper, nickel and cobalt which comprises, (a) reacting salicyldehyde of formula II with anthranilic acid of Formula III as shown in accompanying drawings



to obtain the compound of formula I



(b) reacting the said resultant compound of formula I with metal acetate of the kind such as herein described to provide the metal chelates of formula IV.

Ref: Nil

(Compl. Specn. 6

pages

Drwg. 1 sheet)

Ind. Cl. : 32 F (2a)

178155

Int. Cl.⁴ : C 12 N 37/48

A PROCESS FOR THE PREPARATION OF HETERO-ARYL AMINES.

Inventor : VUHPYNG LIANG CHEN, USA ; ARTHUR ADAM MAGEL, USA.

Applicant : PFIZER INC. OF 235 EAST 42ND STREET, NEW YORK, USA.

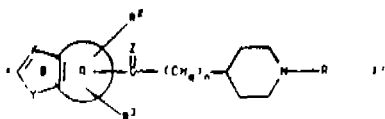
Kind of Application : Complete.

Application for Patent No. 780/Del/92 filed on 1-9-92.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 Claims

A method for preparing a compound of the formula



wherein one of R^2 , R^3 and the side chain containing $-CH-$ may optionally be attached to the carbon atom designated by an asterisk in ring B rather than to a member of ring A;

ring A is benzo, thieno, pyrido, pyrazino, pyrimido, furano, selono, pyrrolo, thiazolo, or imidazolo;

R^1 is phenyl, phenyl-(C_1-C_6) alkyl, cinnamyl or heteroaryl-methyl, wherein the heteroaryl moiety of said heteroarylmethyl is selected from imidazolo, thiazolo, thieno, pyrido and isoxazolo, and wherein said phenyl and said heteroaryl moiety may optionally be substituted with one or two substituents independently selected from (C_1-C_6) alkyl, (C_1-C_6) alkoxy and halo;

R^2 and R^3 are independently selected from hydrogen, (C_1-C_6) alkoxy, (C_1-C_6) alkyl optionally substituted with from one to three fluorine atoms, benzyloxy, hydroxy, phenyl, benzyl, halo, nitro, cyano, $COOR^4$, $CONHR^4$, NR^4R^5 , NR^4COR^5 , or $Sop\ CH^2$ -phenyl wherein p is 0, 1 or 2;

or R^2 and R^3 are attached to adjacent carbon atoms and form, together with the carbons to which they are attached a five or six membered ring wherein each atom of the ring is carbon, nitrogen or oxygen (e.g., a methylenedioxy, ethylenedioxy or lactam ring);

R^4 and R^5 are independently selected from hydrogen and (C_1-C_6) alkyl, or R^4 and R^5 , when part of said NR^4R^5 optionally, form together with the nitrogen to which they are attached, a ring containing four to eight members wherein one atom of the ring is nitrogen and the others are carbon, oxygen or nitrogen, or R^4 and R^5 , when part of said NR^4COR^5 , optionally form, together with the nitrogen and carbon to which they are attached, a four to eight membered lactam ring;

X is nitrogen or CH_2 ;

Y is oxygen, sulfur or NR^6 ;

R^6 is hydrogen, (C_1-C_6) alkyl, $CO(C_1-C_6)$ alkyl or SO^2 phenyl, wherein the phenyl moiety of said SO^2 -phenyl may optionally be substituted with from one to five substituents independently selected from (C_1-C_4) alkyl;

n is an integer from 1 to 4;

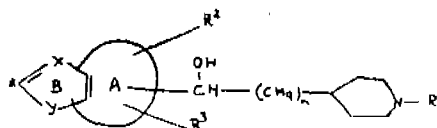
each q is independently 1 or 2; and

Z is oxygen

with the proviso that any CH_q group wherein q is 1 must be attached to one and only one other CH_q group wherein q is 1;

or a pharmaceutically acceptable salt of such compound; comprising

(a) reacting n compound of formula IA



wherein one of R^2 , R^3 and the side chain containing $-CH-$ may optionally be attached to the carbon atom designated by an asterisk in ring B rather than to a member of ring A and wherein A, B, R^1 , R^2 , R^3 , x, v, q and n are as defined above with an oxidizing agent of the kind such as

herein described, and if desire, by any conventional method such as herein described converting such compound of formula I to its pharmaceutically acceptable salt.

US Patent No. A-07/639614 is referred in the specification.

(Complete Specification 45 pages Drawing Sheets Nil)

Ind. Cl.: 40 E

178156

Int.Cl.: B 01 D, 15/08.

A PROCESS FOR THE PRODUCTION OF COEXTRACTED PARA-CRESOL AND META-CRESOL FROM A FEED MIXTURE.

Applicant: UOP, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, WITH ITS PRINCIPAL PLACE OF BUSINESS LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS 60017. UNITED STATES OF AMERICA.

Inventor(s) : (1) HERMANN ALBERT ZINNEN—U.S.A.

Application for Patent No. 838/Del/92 filed on 18th September 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the production of coextracted para-cresol and meta-cresol from a feed mixture comprising para-cresol, ortho-cresol and meta-cresol and at least one other alkyl phenol comprising contacting said feed at adsorption conditions with an adsorbent comprising an X zeolite exchanged with barium ions or a mixture of barium and potassium ions, the adsorbent containing at least 5 wt. % water (LOI), to selectively adsorb said para-and meta-cresol, and thereafter contacting the resulting adsorbent with a desorbent comprising an aliphatic alcohol, such as herein described at desorption conditions effective to produce an extract stream enriched in para-and meta-cresol relative to the feed, said adsorption and desorption, conditions including a temperature within the range of from 20°C to 250°C and a pressure sufficient to maintain liquid phase.

Foreign Patent references :

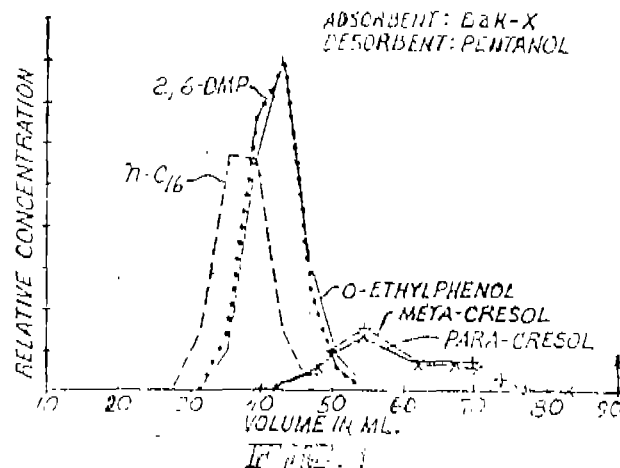
U.S.—A-3,014,078

U.S.—A-4,356,331

U.S.—A-4, 386,225

U.S.—A-3,969,422

U.S.—A-4,124,770.



(Compl. Specn. 19 pages;

Drwg

2

sheets)

Ind. Cl. : 55

E²

178157

Int. Cl.: A 61 K, 7/42.

A PROCESS FOR THE PREPARATION OF A COMPOSITION FOR TOPICAL APPLICATION HAVING ENHANCED PENETRATION.

Applicant: RICHARDSON-VICKS INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF ONE FAR MILL CROSSING, SHELTON, STATE OF CONNECTICUT, UNITED STATES OF AMERICA.

Inventory:

- (1) GEORGE ENDEL DECKNER-U.S.A.
- (2) BRAIN SCOTT LOMBARDO—U.S.A.

Application for Patent No. 1011/Del/92 filed on 5th November 1992.

Appropriate Office for Composition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A process for the preparation of the composition for topical application having enhanced penetration through the skin which comprises mixing together in any conventional manner:

- (a) a pharmaceutically active compound such as herein described selected from the group comprising anti-acne agents, sunless tanning agents, sunscreen agents, and skin bleaching or lightening agents.
- (b) from 0.1% to 10.0% of a high molecular weight crosslinked cationic polymer of the formula: (A)^m(B)ⁿ(C)ⁿ wherein (A) is a dialkylaminoalkyl acrylate monomer or its quaternary ammonium or acid addition salt, (B) is a dialkylaminoalkyl methacrylate monomer or its quaternary ammonium or acid addition salt (C) is acrylamide 1 is an integer of 0 or greater m is an integer of 1 or greater and n in an integer of 0 or greater, wherein said polymer contains a crosslinking agent of the kinds such as herein described in an amount from 1 to 1000 ppm.

Foreign Patent references:

U.S. Patent 5,100,660.
U.S. Patent 4,835,206.
U.S. Patent 4,599,379.
U.S. Patent 4,849,484.
U.S. Patent 4,628,078.

(Compl. Specn. 20 pages;

Drwg Sheets Nil)

Ind. Cl. : 32

F²+5E²

178158

Int. Cl.⁴ : A 61 K 31/43.

C 07 A 499/10

A PROCESS FOR PREPARATION OF 2-CHLOROSULFINYL AZETIDINONE.

Applicant : RANBAXY LABORATORIES LTD., A-11, SAS NAGAR, DISTT. ROPAR (PUNJAB) 160055.

Inventor : JAG MOHAN KHANNA, India;

YATENDRA KUMAR, India;

ARUN MALHOTRA, India.

Kind of Application : Complete.

Application for Patent No. 1014/Del/92 filed on 5-11-92

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims 4)

A process for preparing a 2-chlorosulfinyl azetidinone of the formula II



wherein R is hydrogen, C₁-C₄ alkyl, haloalkenyl or cyanoalkenyl or R is phenyl or phenyl substituted by C₁-C₄ alkyl, alkoxy, halo, protected hydroxy, nitro, amine cyano and trifluoromethyl, or R is a group of formula IV



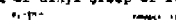
wherein R₁ is a t-butyl, 2,2,2-trichloroethyl, benzyl or substituted benzyl or

R is a group of formula VII



wherein R₂ is as defined above, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl or 1,4-dioxol-2-yl and n is 0 or 1 or

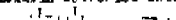
R is a substituted aryl or alkyl group of formula VIII



wherein R₃ has the same meaning as R₂ defined above and n is protected hydroxy or protected amino and

R₄ is carboxylic acid protecting group selected from the group consisting of C₁-C₄ alkyl, 2,1,2-trifluoroethyl, benzyl, substituted phenacyl or benzylidene,

which comprises heating in an inert organic solvent as substantially described herein a penicillin sulfoxide ester of the formula I



wherein R and R₅ are as defined above, at a temperature between about 70°C and 140°C with an N-chlorosulfonylating agent as substantially described herein in the presence of a weakly basic N-chlorosulfonyl salt of a cyclic amine of the formula XV



wherein Y is C₁-phenylene or -(CH₂)_n in which n is 2 or 3 and n is sodium or potassium.

US Patent No. 4,001,440, 4,523,87, 4,653,75, 4,657,16, 4,768,925 and Indian Patent No. 1,71,329 and in which the applicant claims.

(Compl. Specn. 16 Pages

Drugs. 3 sheets)

Ind. Cl. : 32 F (2b)

178159

Int. Cl.⁴: C 07 D; 253/02.

A PROCESS FOR THE PREPARATION OF ANTI-FILARIAL 2, 4-DI-(4-CHLORO-3-NITRO ANILINYL)-6-AMINO-S-TRIAZINE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

Inventors: PREM MAN SINGH CHAUHAN, INDIA; NIGAR FATIMA, INDIA; RANJEET KUMAR CHATTERJEE, INDIA.

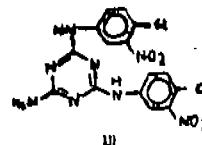
Kind of application : Complete.

Application for patent No. 1148/Del/92 and filed on 3-12-92.

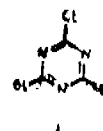
Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims : 2)

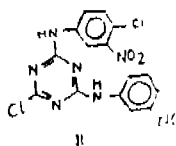
A process for the preparation of 2,4-Di (4-chloro-3-nitro aniliny)l -6-amino-s-triazine of the formula III



Shown in the drawing accompanying this specification which comprises reacting 4-chloro-3-nitro aniline with 2, 4, 6 tri-chloro-B-triazine of the formula I



in the presence of tetrahydrofuran (THF), at ambient temperature to form the compound of formula II.



and treating the resultant product with ammonia to get 2, 4-Di (4-chloro-3-nitro aniliny)-6-amino-s-triazine of formula III.

Ref.: NIL.

(Complete specification 4 pages

Drawing sheet 1.)

Ind. Cl.: 92 D, E

178160

Int. Cl.⁴: A 23 N 12/00.

A PROCESS FOR MAKING IMPROVED DECOCTION OF COFFEE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001.

Inventors:

SUDHIR GOPALRAO WALDE, INDIA.
ARUGAKEERTHY CHAKKARAVARTHI, INDIA.
RUDRAYYA GURUSIDDAYYA INDIA.
DUBASI GOVARDHAN RAO, INDIA.

Kind of application: Complete.

Application for Patent No. 0952ffIDel/94 and filed on 27th July 1994.

Appropriate Office for filing Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005,

5 Claims

A process for making improved decoction of coffee which comprises:

- baking carrot grits to a temperatures in the range of 120—180°C for a period ranging from 8—15 min.
- grinding the baked carrot grits to fine powder.
- making a decoction of the carrot powder by heating with hot water, and
- mixing the decoction obtained above in step (c) with the decoction of coffee in the ratio of 60: 40 to 40: 60.

Ref: Nil.

(Compl. Specn. 5 pages; Drwg sheet Nil)

Cl.: 50 C, 176 B

178161

Int. Cl.⁴: F 28 D 11/02.

F 28 F 05/02.

DRUM IN PARTICULAR COOLING OR HEATING DRUM.

Applicant: Santrade Ltd., of Alpenquai 12 6002 Luzern, Switzerland.

Inventors:

- NORBERT STUNZER.
- ALFRED FRITSCH.

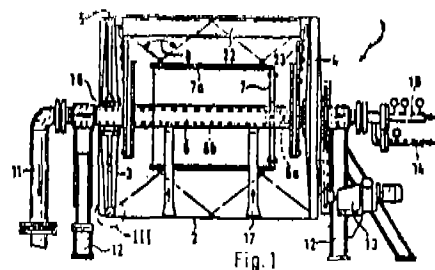
8-487 GI/96

Application No. 564/Cal/1992 filed on 7th August. 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

9 Claims

Drum in particular a cooling or heating drum, whose drum jacket is used to transfer heat between an operating fluid that may be applied to the inner aide (2a) of the jacket or the outer side (2b) of the jacket and a raw product that may be applied to the respective side lying opposite the other side of the jacket and in which retaining discs (3, 4) are arranged at the end faces of the drum, which have on their outer circumference radially expandable means (5) for detachable and scaled, tightened retention of the drum jacket, characterized in that the drum jacket comprises an endless band (2), that the retaining discs (3, 4) have a smaller circumferential length then that of the endless band, and that endless, pneumatically inflatable hollow profiled seals (5) are provided running along the outer circumference of the retaining discs as a means of retaining the endless band (2) on the retaining discs (3, 4).



(Compl. Specn. 14 pages:

Drgns. 1 sheet)

Cl. 205 K

178162

Int. Cl.⁴: B 60 C 11/03

"A TIRE WITH REDUCED TREAD NOISE".

Applicant: GENERAL TIRE, INC., OF ONE GENERAL STREET, AKRON, OHIO-44329-0001, USA.

Inventors: THOMAS A. WILLIAMS

Application No. 565/Cal/1992 filed on 7th August, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972). Patent Office, Calcutta.

22 Claims

A tire with reduced tread noise having a plurality of base pitches arranged in at least two separate circumferential sections about the circumference of the tire, wherein the multiple pitch sequence optimisation provides tire treads for reducing tire noise the base pitches in each circumferential section having at least two different pitch length which form preselected pitch sequences about the circumference of the tire, the pitch sequence in each of the circumferential sections being arranged relative to each other such that the harmonics generated by the base pitches in the one circumferential section substantially cancel the harmonics generated by the base pitches in at least one other circumferential section according to the following equation:

$$X_{diff} = \sum_{n=1}^N \frac{A_n}{AB_n} \quad \text{where } X = \frac{2\pi}{\lambda}$$

Where:

X=Distance around tire circumference stepped in preselected increments.

Cire—Tire circumference

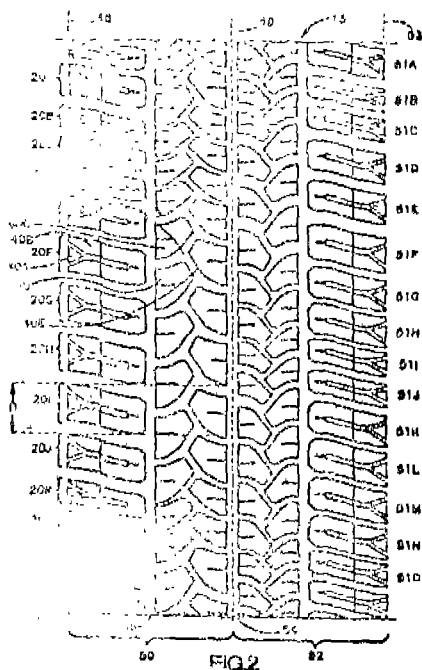
ABS=Absolute Value

YA=Pitch length for pitch sequence A at a given x value

YB=Pitch length for pitch sequence B at given x value

Ydiff=Total difference between height of individual pitch sequence rectangle functions

Where : Higher Ydiff indicates better match.



(Compl. Specn : 19 pages

Drgns. 3 sheets)

Cl.: 62 D

178163

Int. Cl.⁴ : D 02 J 13/00.

AN APPARATUS FOR HEAT TREATING A SYNTHETIC YARN DURING FALSE-TWIST TEXTURING.

Applicant: (1) TEIJIN LIMITED, OF 6-7 MINAMI-HONMACHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA-FU, JAPAN. (2) TEIJIN SEIKI CO., LTD., OF 9-1, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA-FU, JAPAN.

Inventors:

- (1) MASAOKI YANAGIHARA.
- (2) KENJI KAWAKAMI
- (3) HIROYUKI NAGAI.
- (4) AKIRA MIYAMOTO.
- (5) FUMIO TANAE.
- (6) SHUNZO NAITO.

Application No. 767/Cal/1992 filed on 21st October 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

14 Claims

An apparatus for heat treating a synthetic yarn, the apparatus comprising:

a heater body for at least partially encircling a synthetic yarn without contacting the synthetic yarn and a false twisting device disposed downstream of said heater body for imparting twists to the yarn which run along the length of the yarn : a heating member for heating a wall of said heater body at a high temperature;

yarn guides disposed in a yarn passage surrounded by said heating wall of said heater body, and

said heater body and said heating member each being respectively divided into at least two pieces, one of which is disposed on an upstream side of said heat treating apparatus,

wherein, when measured along the length of the divided heater body, the distance between corresponding points on adjacent yarn guides of said upstream heater body is less than the distance between corresponding points on adjacent yarn guides of said remaining heater body.

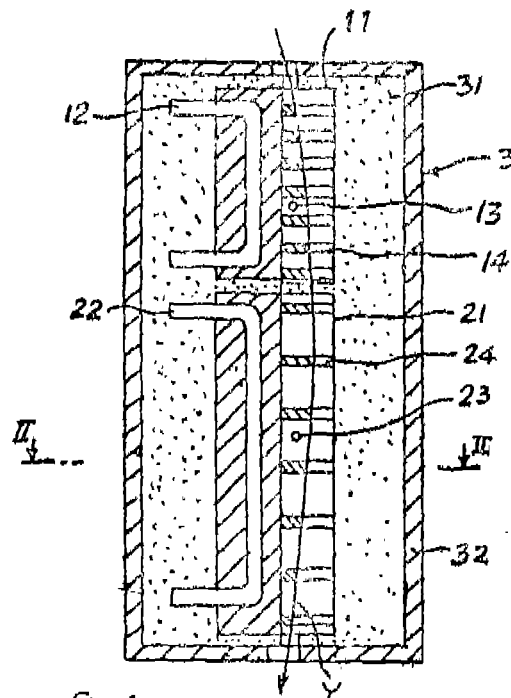


Fig. 1

(Compl. Specn. 32 pages;

Drgns.

2 sheets)

Cl.: 32 C &

E

178164

Int. Cl.: C 08 J 5/04.

A NEW ARTICLE PARTICULARLY SUITABLE FOR APPLICATIONS IN AUTOMOTIVE, APPLIANCE AND BUILDING INDUSTRIES MADE OF A POLYOLEFIN COMPOSITION AND PROCESS FOR MANUFACTURING THE ARTICLE.

Applicant: MONTELL NORTH AMERICA INC., OF 2801 CENTERVUXE ROAD, NEW CASTLE COUNTY, DELAWARE, U.S.A.

Inventors :

- (1) DECIO MALUCELLI.
- (2) FAUSTO COCOLA.
- (3) FRANCESCO FORCUCCI.

Application No. 776/Cal/1992 filed on 23rd October 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

6 Claims

A new article, particularly suitable for applications in Automotive appliance and building industries, made of polyolefin imposition, having a very complex shape and physical-mechanical characteristics such as better rigidity and dimensional stability both at ambient temperature and at temperatures equal to and above 100°C, as depicted by higher flexural modulus and heat distortion temperature values, compared With the equivalent commercial Article at present produced by sheet thermo-forming using flat-die extruders at temperatures

lower than 200°C, and having many physical-methanical properties which are better than the aggregation of the properties of the components thereof, which article is made by introducing at the feed throat at an extruder a polyolefin composition, in the forms such as pellets and spherical particles, comprising one or more crystalline polymers or copolymers of 1-olefins having melt flow index at 230°C, 2.16 kg-ASTM 1238 condition of higher than 20g/10 min, together with a compatibilizing agent, such as herein described, weighing 0.1 to 10% of the total weight of the composition; dispersing a cellulosic material, selected from the group consisting of wood powders or fibers, in quantities ranging from 10 to 70% by weight with respect to the total weight of the cellulosic material and the one or more crystalline polymers or copolymers at a given distance down the length of the said extruder where the said polyolefin composition is heated to be in a molten state, the internal temperature of the extruder being maintained to be not higher than 200°C; pelletizing the output material of the extruder by way, such as, cold strand cutting; and injection molding of the pelletized material at a temperature not higher than 200°C.

(Compl. Specn. 17 pages;

Drgns. Nil)

Cl.: 102 D

178165.

Int. Cl.¹ : E 02 F 09/22.

HYDRAULIC DRIVE SYSTEM FOR CONSTRUCTION MACHINE.

Applicant; HITACHI CONSTRUCTION MACHINERY CO. LTD., OF 6-2 OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors: GEN YASUDA.

Application No. 803/Cal/1992 filed on 2nd November 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

8 Claims

A hydraulic drive system for a construction machine comprising a hydraulic pump (1a); a plurality of hydraulic actuators (5a, 5b) driven by a hydraulic fluid delivered from said hydraulic pump; a plurality of flow control valves (6a, 6b) for controlling respective flow rates of the hydraulic fluid supplied from said hydraulic pump to said hydraulic actuators dependent upon input amounts of manipulation means (50, 51); a plurality of distribution compensating valves (7a, 7b) for controlling respective differential pressures across said plurality of flow control valves, said distribution compensating valves (7a, 7b) respectively having first pressure bearing chambers (52a, 52b) subjected to pressures upstream of the associated flow control valves for acting in a valve-closing direction, second pressure bearing chambers (53a, 53b) subjected to pressures downstream of the associated flow control valves for acting in a valve-opening direction, and third pressure bearing chambers (54a, 54b) subjected to first control pressures (P_{c1} , P_{c2}) for acting in the valve-closing direction to reduce predetermined target values of the differential pressures across the associated flow control valves; differential pressure sensor means (8) for detecting a differential pressure between a pressure of the hydraulic fluid delivered from said hydraulic pump and a maximum load pressure among said plurality of hydraulic actuators; first proportional control valve means (9a, 9b) for producing said first control pressures (P_{c1} , P_{c2}) dependent upon first control currents (I_{c1} , I_{c2}); and first computing control means (26, 203, 218) for calculating at least one target reducing value (P_{c1} , P_{c2}) to reduce the target values of the differential pressures across said plurality of flow control valves based on a detected value (PLS) of said differential pressure sensor means, and outputting the corresponding first control currents (I_{T1} , I_{T2}) to said first proportional control valve means, characterized in that the hydraulic drive system further comprises :

(a) a fourth pressure bearing chamber (55a, 55b) provided in at least one of said plurality of distribution compensating valves (7a, 7b) and subjected to a second control pressure (P_{c1}) for acting in the valve-opening direction to set/said

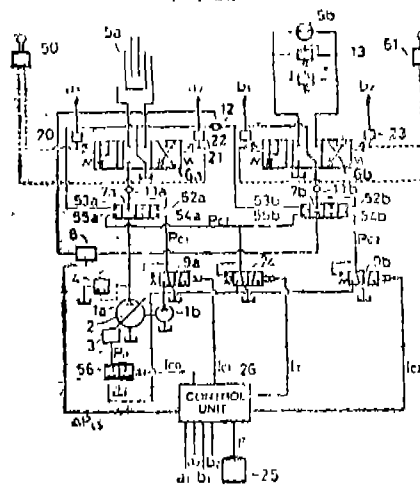
predetermined target value (PT) of the differential pressure across the associated flow control valve (6a, 6b);

(b) second proportional control valve means (24) for producing said second control pressure (PCT) dependent upon a second control current (IT);

(c) signal generating means (25, 20-23) for outputting a signal (F, a, a', b, b') relating to said predetermined target value (P^1) of the differential pressure across the associated flow control valve (6a, 6b); and

(d) second computing control means (26, 204—218) for calculating the predetermined target value (PT) of the differential pressure across said associated flow control valve dependent upon the signal from said signal generating means, and outputting the corresponding second control current (IT) to said second proportional control valve means (24).

FIG. 1



(Compl. Specn. 41 pages;

Drgns. 9 sheets)

Cl.: 98 E G

178166

Int. Cl.⁴ : B 01 J 8/24.

FLUIDIZED BED REACTOR FOR HEATING GRANULAR SOLIDS BY AN INDIRECT HEAT EXCHANGE.

Applicant: METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, W-6000 FRANKFURT AM MAIN, GERMANY.

Inventors :

- (1) HANS-JURGEN WEISS DR.-ING.
- (2) WLADISLAW LEWANDOWSKI, DIPL. ING.
- (3) JURGEN EMMEL, DIPL. ING.
- (4) WOLFGANG FRANK, DIPL. ING.
- (5) WOLFGANG SCHELER, DIPL. ING.

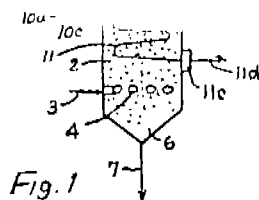
Application No. 820/Cal/1992 filed on 9th November 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta,

5 Claims

A fluidized bed reactor for heating of granular solids, comprising piping contained in the reactor within the fluidized bed and serving to conduct a heating fluid for effecting an indirect heat exchange between the heating fluid and the solids of the fluidized bed, wherein the reactor comprises at least two spaced apart pipe plates, which are detachably fitted in apertures in the reactor wall, the inlet end outlet ends of a plurality of fluid-conducting pipes extend through each pipe plate, and each pipe plate and the associated pipes constitute a heat ex-

changer unit and adjacent heat exchanger units disposed on the same level extend opposite to each other.



(Compl. Specn. 7 pages; Drgns. 2 sheets)

Cl.: 206 E

178167

Int. Cl.⁴: H 04 M 3/00, 15/00.

AN EXCHANGE SYSTEM FOR PROCESSING METER BILLING DATA.

Applicant: SAMSUNG ELECTRONICS CO., LTD., OF NO. 416 MAETAN-DONG, KWONSUN-KU, SUWON, KYUNGKI-DO, REPUBLIC OF KOREA.

Inventors: BONG-GU LEE.

Application No. 825/Cal/1992 filed on 11th November 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

2 Claims

An exchange system for processing meter billing data comprising a subscriber processor (20) which is connected to each subscriber and interfaces of said exchange system, a trunk processor (40) connected to an office line and interfaced with other exchange systems as herein described, a switch processor (30) having time-space-time (T-S-T) structure a maintenance and administration processor (120) exchanges a message with a switch processor (30) which temporarily stores the billing data transmitted from said subscriber processor (20) into a billing disk (121) having partitions such as herein described and dumps the billing data of said disk onto a magnetic tape (MT) (122) when instructions are given from exterior, said exchange system further comprises man-machine communication (MMC) processor (130) connected to a data link (131), a cathode ray tube (CRT) (132) a printer (133) and a disk/L (134) which receives instructions words generated from a system operator to maintain the system, an alarm processor (140) which collects an alarm data in response to the maintenance and administration state of said system and being connected through an alarm device (141).

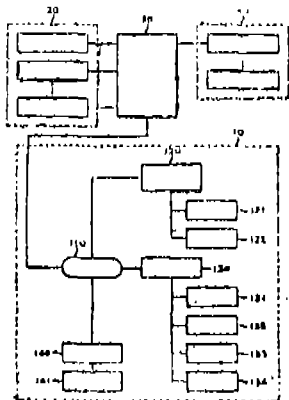


FIG 1

(Compl. Specn. 16 pages;

primis. 7 sheets)

Cl.: 36 A 1

178168

Int. Cl. : F 04 C 18/02, 29/08.

SCROLL COMPRESSOR.

Applicant: COPELAND CORPORATION. OF CAMPBELL ROAD, SIDNEY, OHIO 45365-0669, UNITED STATES OF AMERICA.

Inventors:

- (1) ALEXANDER PETER RAFALOVICH.
- (2) MARK BASS.
- (3) JEAN-LUC CAILLAT.

Application No. 830/Cal/1992 filed on 12th November 1992.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule 1972), Patent Office Calcutta.

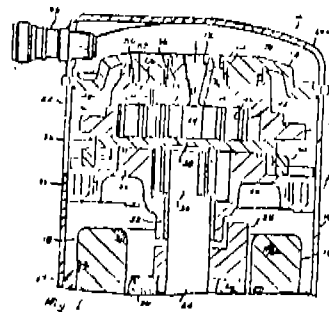
15 Claims

A scroll-type compressor comprising:

a first scroll member having a first spiral wrap (46) there on:

a second scroll member (28) having a second spiral (42) wrap thereon, said second scroll member (28) being mounted for orbiting movement with respect to said first scroll member (26), said first and second wraps (42, 46) being mounted in opposing and interfitting relationship whereby said orbiting movement will cause said first and second wraps (42, 46) to define at least one fluid pocket moving from a radially outer position at suction pressure to a radially inner position in the discharge pressure chamber (68) at discharge pressure; and

a discharge passage communicating with said discharge pressure chamber (68), said passage having a diverging exit portion (76) with a cross-section which progressively increases in said flow direction, whereby discharge pressure losses are minimized.



(Compl. Specn. 14 pages;

Drgns. 3 sheets)

Cl. : 69-0.

178169

Int. Cl.⁴ : H01 H 1/00. 1/02.

CONTACT PIECE HAVING A CONTACT-SILVER CONTACT FACING, AND A METHOD OF PRODUCING IT.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 8000 MUENCHEN 2, GERMANY.

Inventors : (1) MANFRED SCHNEIDER
(2) DIETMAR CLAUSS.

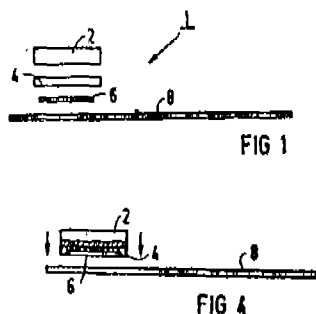
Application No. 868/Cal/92 filed on 3rd Dec, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

15 Claims

Contact piece (1) having a contact-silver contact facing (2) which is soldered onto a contact carrier (8) by means of a

silver intermediate layer (4) and a solder (66), characterised in that the solder is attached to the silver intermediate layer (4) in the form of a platelet (6) before the actual soldering operation.



(Comp. Specn. 9 pages; Drgs. 1 sheets.)

Ind. Cl. : 1766 F. 178170

Int. Cl.⁴ : F 22 B 37/24.

BUCKSTAY SYSTEM FOR MEMBRANED TUBE WALL OF STEAM GENERATOR.

Applicant : THE BABCOCK & WICOX COMPANY, OF 1010 COMMON STREET, NEW ORLEANS, LA 70160, UNITED STATES OF AMERICA.

Inventors : EDWARD WELLS KREIDER.

Application No. 18/Cal/93 filed on 12th January, 93.,

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

13 Claims

A buckstay system for a membraned tube wall of a steam generator having a first wall section which meets a second wall section at an angle to form a corner between said wall sections, and which utilizes the natural load carrying ability of membraned tube wall construction alone, to facilitate distribution of combustion gas pressure loads from one wall section to the other said system comprising :

at least one buckstay extending across atleast part of each, wall section;

standoff means engaged with each buckstay and extending toward each respective wall section;

a support bar connected to the standoff means of each buckstay, each support bar being engaged against and along at least part of the length of each, respective wall section, each support bar having an end adjacent the corner which is spaced from the corner so that the support bar of the first wall section is spaced from the support bar of the second wall section;

engagement means fixed to each wall section and engaged with each respective support bar for allowing lateral shifting between each wall section and each support bar, and for transmitting bending forces which tend to bend each wall section, to each respective buckstay which resists such bending forces, and for transmitting the weight of each buckstay to a respective wall section for supporting each buckstay on its respective wall section.

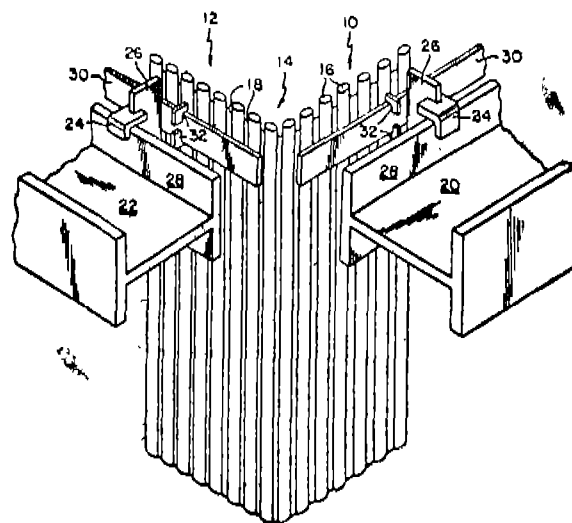


Fig. 3

(Compl. Specn. 20 pages; Drgs. 9 sheets)

Ind. Cl. : F 15 C 1/04.

178171

Int. Cl.⁴ : 36 A, 156 G.

A DEVICE FOR AUTOMATIC PUMPING AND STOPPING WATER IN OVERHEAD AND UNDERGROUND WATER TANKS.

Inventors : GOVIND SINGH, AN INDIAN NATIONAL OF 9 COMMERCIAL CENTRE, PANCHSHILA PARK (NORTH) NEW DELHI 110 017.

Applicant : GOVIND SINGH, AN INDIAN NATIONAL, OF 9 PANCHSHILA PARK (NORTH) NEW DELHI-110017.

Kind of application ; Complete.

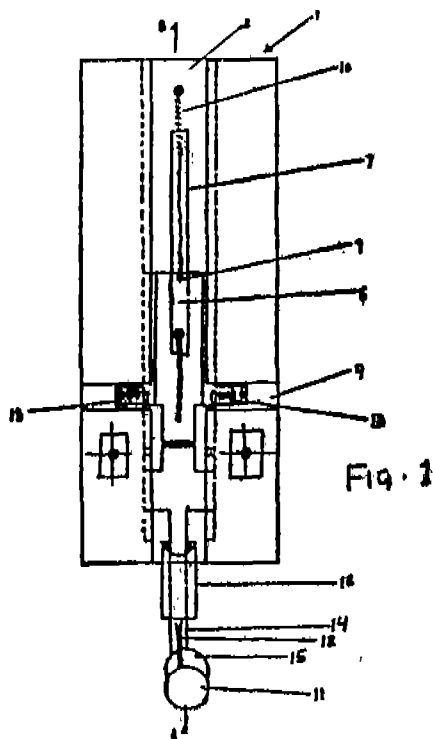
Application for Patent No. 0904/DEL/90 filed on 11-9-90.

Appropriate Office for filling Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 017.

9 Claims

A device for automatic pumping and stopping of water supply in overhead tanks from the underground tanks with the electric supply mains being continuously "ON" comprising a rectangular box structure mounted near the top end of the said overhead tank, said box structure having a longitudinal groove running along its longitudinal axis in the front and partially at the back, horizontal grooves intersecting the said longitudinal grooves at the top and bottom portion; a pair of slidable means engaged with each other moving within the said top portion of the front and back of the said structure by means of an opening provided in said longitudinal grooves the said first slidable means provided with a first ball cock connected to a resilient means disposed within the said slidable means, the said resilient means engageable with a pair of locking means projecting from said horizontal groove towards said longitudinal groove, said second slidable means being electrically engageable by means of a metallic plate connected to the electrical contacts and the said front longitudinal groove provided with a slidable rod connected at the bottom thereof to a second ball cock controlled by a holding means, said structure for said overhead tank connected to another rectangular box structure mounted near the top end of the said underground tank having a T shaped centrally longitudinal groove provided with a third slidable means connected to another set of electrical connections disposed within the said T-shaped horizontal

Ref. NIL.


$$\begin{array}{c} \text{R} - \text{CH} - \text{CH}_2 \\ | \quad \quad | \\ \text{O} \quad \quad \text{O} \\ \diagdown \quad \diagup \\ \text{C} \\ || \\ \text{O} \end{array}$$

Application for Patent No. 1004/Del/90 and filed on 15-10-90.

Appropriate Office for filling Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

1 Claim

A fuse connector characterised by a mechanism comprising by a fuse wire (14) wound on a bakelite bobbin (2); the said fuse wire is provided in between a groove (15) in a porcelain roller (26) and notches (22) made in two spring loaded metallic rollers (21A & 21B) electrically insulated from the body; a pinion (25) with ratchet (28) mounted on the porcelain roller (26) and a spring loaded bakelite guard (4) fitted in front of the cited groove (15) in a space provided between the said metallic rollers (21A & 21B); two metallic-cicks (20A & 20B) input (17) and output (24) respectively rest against each metallic roller (21A & 21B).

Ref. : NIL.

Agent ; NIL.

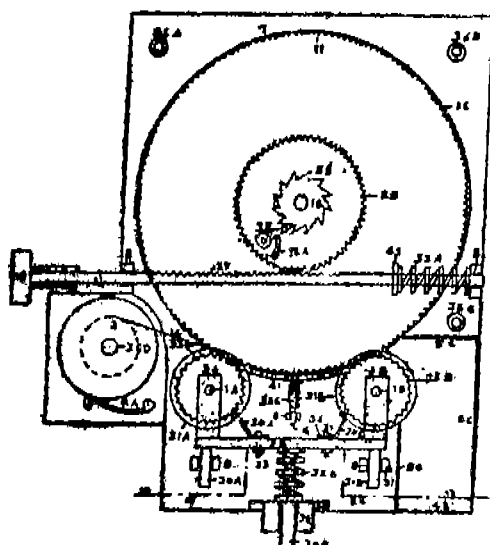


Fig. 1

Compl. Specn. 10 pages;

Drgs. 2 sheets.)

Int. Cl. : B 65 B 1/00, 37/00

178175

Ind. Cl.⁴ : 125 B 1

APPARATUS FOR INTERMITTENTLY TRANSPORTING A PREDETERMINED QUANTITY OF PARTICLES OF A PARTICULATE MATERIAL TO A REMOTE SITE.

Inventor : FREDRICK UP JOHN MEIER, U.S.A.; MARK F. LABRROUSSE, U.S.A., DAVID STIMSON HARVEY, U.S.A.

Applicant : MOBIL SOLAR ENERGY CORPORATION, U.S.A. OF MIDDLESEX TECHNOLOGY CENTER, 4 SUBURBAN PARK DRIVE, BILLERICA, MASSACHUSETTS, UNITED STATES OF AMERICA.

Kind of Application Complete.

Application No. 1007/Del/90 Filed on 15-10-90.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch Karol Bagh, New Delhi-110005.

(Claim 10)

Apparatus for intermittently transporting a predetermined quantity of particles of a particulate materials to a remote site at certain intervals, said apparatus being of the type comprising a storage container⁹⁰ for storing said particulate material, a receiving chamber¹⁰⁶ in communication with said storage container⁹⁰ for receiving particulate material from said storage container⁹⁰, a conduit means connecting said receiving chamber to said remote site, and fluid introducing means for introducing pressurized gaseous fluid into said apparatus;

characterised in that said storage chamber⁹⁰ has a discharge orifice⁹⁶; said receiving chamber¹⁰⁶ has an inlet⁷⁶ that is connected to the discharge orifice⁹⁶ of said storage container⁹⁰ and is positioned below said storage container⁹⁰ in communication with said discharge orifice⁹⁶, whereby said particles of said particulate material flow from said storage container⁹⁰ to said receiving chamber¹⁰⁶ under the pull of gravity and only a predetermined quantity of solid particles of said particulate material accumulate in a pile resting at a natural angle of repose in said receiving chamber¹⁰⁶;

said conduit means^{120,116} comprises first, second and third conduits, said first conduit¹²⁶ being connected at one end to said receiving chamber¹⁰⁶ and downstream thereof to said second conduit¹¹⁶ and said first conduit¹²⁶ being connected at its other end to said third conduit⁷⁶, whereby said first conduit¹²⁶ provides a first passageway between said receiving chamber¹⁰⁶ and said third conduit⁷⁶, said second conduit¹¹⁶ provides a second passageway intersecting said first passageway, and said third conduit⁷⁶ provides a third passageway between said first conduit¹²⁶ and said remote site;

first fluid delivery means for providing a first stream of a pressurized gaseous fluid, said first delivery means being coupled to said receiving chamber¹⁰⁶ so as to displace said pile of particulate material from said receiving chamber¹⁰⁶ to the region of said first passageway where said second passageway intersects said first passageway; and second fluid delivery means^{136,138} for providing a second stream of pressurized gaseous fluid, said second fluid delivery means^{136,138} being directly coupled to said second conduit¹¹⁶ whereby said second stream flows through said second passageway into said first passageway, entrains particulate material located in said first passageway and transports said entrained particulate material through said third passageway to said remote site.

Ref. : US—4,544,528. 4,661,324

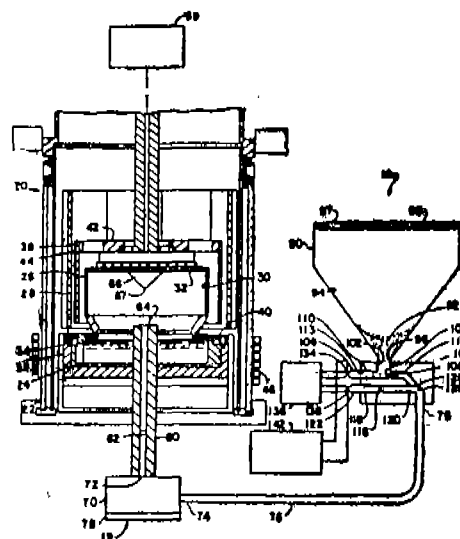


Fig 1

(Complete Specification 26 pages;

Drawing sheets 3)

Ind. Cl. : 32 E.

178176

Int. Cl.⁴ : C 25 B 11/00.

A PROCESS FOR THE PREPARATION OF A ' POLY-TOLUDINE ELECTRODE, AND A LITHIUM CELL INCORPORATING THE SAID ELECTRODE.

•Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

Inventors : (1) SETHURAMAN PITCHUMANI, INDIA
(2) VENKATA SUBRAMANIAN KRISHNAN, INDIA
(3) RAJAGOPALAN JANAKIRAMAN, INDIA
(4) PANAMATTATHU NARAYANAN NARAYANAN NAMBOODIRI, INDIA
(5) RAMA IYER GANGADHARN, INDIA.

Kind of Application : Provisional,

Complete specification left after Provisional specification on 2-8-91.

Application for Patent No. 1020/DEL/90 filed on 16-10-90.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

4 Claims

A process for the preparation of a porytoludine electrode for use as a cathode in a button cell assembly which comprises mixing polytoludine and acetylene black in the proportion ranging from 9:1 to 19:1 in the presence of a binder such as polyterafluoroethylene (PTGE), polyvinyl alcohol, the concentration of the binder being in the range of 1-5% and compressing the resulting mixture to the desired shape of the electrode.

Copending application No. 1019/DEL/90 is referred in the specification.

Agent :

(Prov. Specn. 3 pages ;
(Comp. Specn. 5 pages ;

Drg. sheet nil)
Drg. sheet 1)

Ind. Cl. : 77C.

178177

Int. Cl.⁴ : C11B 3/16.

AN IMPROVED PROCESS FOR THE PREPARATION OF OIL PALM FRUIT HAVING FFA RESTRICTED TO 0.5 TO 0.85%. IN THE OIL PRESENT IN THE SAID FRUIT BY INACTIVATION OF LIPOLYTIC ENZYME PRESENT IN THE OIL PALM FRUIT.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001,

Inventor : (1) POKKATTU PATHROSE THOMAS
(2) NARAYANAN GOPALAKRISHNAN
(3) ALATHUR DAMODARAN DAMODARAN.

Application for Patent No. 1169/DEL/90 filed on 27-11-90.

Complete left after Provisional Specification on 14-1-92.

Appropriate Office for filing Opposition Proceedings (Rule 4 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

3 Claims

An improved process for the preparation of oil palm fruit having FFA restricted to 0.5 to 0.85% in the oil present in the said fruit by the inactivation of lipolytic enzyme present in the oil palm fruit which comprises exposing fresh oil palm fruits to electro-magnetic microwaves ranging from 300 MH, to 300 GH. frequency in a conventional microwave oven so

as to get energy level in the range of 20 to 100% of maximum rated power of the oven, for a period in the range 30 sees, to 20 mins

(Comp. Specn. 11 pages , Prov. Specn. 10 pages; Drg, sheet Nil.).

Ind. Cl. : 77 B (il).

178178

Int. Cl.⁴ : C11B 1/02, 1/06, 1/10,

A NOVEL DRY PROCESS FOR PALM OIL EXTRACTION.

Applicant : COUNCIL Of SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

Inventor : (1) NARAYANAN GOPALAKRISHNAN
(2) POKKATTU PATHROSE THOMAS &
(3) ALATHUR DAMODARAN DAMODARAN.

Application for Patent No. 1170/Del/90 filed on 27-11-90.

Complete left after Provisional specification on 14-1-92.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 Claims

A novel dry process for palm oil extraction, which comprises treating the oil palm fruit by a process in a manner as herein described to get 100 sened & lipolytic enzyme inactivated oil palm fruit with moisture content below 10% and FFA in oil restricted to 0.5 to 0.85%, crushing the said Fruit followed by solvent extraction using known methods.

Ref. : NIL.

(Comp. Specn, 11 pages;

Drg. Nil)

Ind. Cl. . 39 L.

178179

Int. Cl.⁴ : C 01 B 49/08.

AN IMPROVED PROCESS FOR THE PRODUCTION OF FERRIC OXIDE OF PURITY > 99.5% FROM IRON POWDER.

Applicant : COUNCIL, OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

Inventor : (1) CHITTUR SUBRAMANIAN SIVARAMAKRISHNAN, INDIA
(2) MADHUKAR BODAS, INDIA
(3) SHILOWBHADRA BANERJEE, INDIA.

Kind of Application : Provisional—Complete.

Complete left after provisional specification on 26-11-91.

Application for Patent No. 1173/Del/90 filed on 27-11-90.

Appropriate Office for filing Opposition Proceedings (Rule-4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 Claims

An improved process for the production of ferric oxide of purity > 99.5% from iron powder which comprises :

- oxidising -85 to -325 mesh size iron powder of high purity greater than 99.5% at a temperature of 450 to 950°C in the air at a flow rate of 1000 L/hr to 4000 L/hr for a period of 2 to 4 hrs;
- cooling the said oxidised iron powder & unreacted iron powder in the furnace and separating the ferric oxide formed from any unreacted iron powder by

conventional magnetic separation and if desired recirculating the unreacted powder for further oxidation.

Ref. : NIL.

Agent ;

(Prov Specn. 5 pages; Drg. sheet Nil.)
(Comp Specn. 9 pages; Drg sheet Nil.)

Ind. Cl. : 206 E. 178180

Int. Cl : G 06 F, 15/00.

A DATA PROCESSING SYSTEM

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF ARMONK, NEW YORK-10504, UNITED STATES OF AMERICA.

Inventor ; (1) CHESTER ASBURY HEATH
(2) JOHN KENNEDY LANGGOOD &
(3) RONALD EUGENE VALLI.

Application for Patent No. 1193/DEL/90 filed on 29th November, 90.

Divisional Out of Patent Application No. 49/Del/88 dated 20th Jan., 1988.

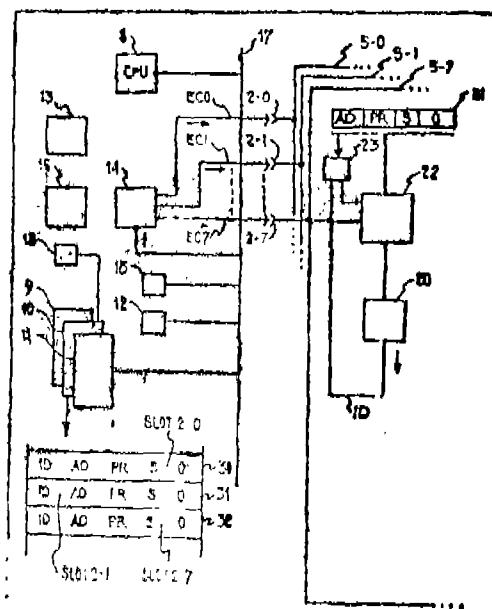
Conventional data: U.K. Patent Application No. 8725111 dated 27th October 87,

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 Claims

A data processing system comprising one or more processing units, one or more memory units, input/output sockets for attachment of option cards, and an input/output bus interconnecting said units with each other and with said sockets for transferring information between said units and between cards attached to said sockets and said units, each said socket at any time having a condition of being either vacant or occupied by any of plurality of different types of option cards, each of said memory units and sockets having a predetermined address on said bus, said system is characterised by power means for selectively applying power to and removing power from said system, card ID means on at least one of said cards for permanently storing card identity (ID) signals indicating the respective card type; register means on at least one of said cards for temporarily storing information controlling access of the respective card to said bus when the card is attached to said socket and power is applied to said system, non-volatile memory means coupled to said bus and having address locations associated with said socket addresses for storing control information relative to said sockets while power is removed from said system, said control information comprising card identity (ID) information relative to sockets having occupied condition prior to removal of said power and bus access control information relative to cards attached to said occupied sockets, addressing means in at least one of said processing units and said bus, operating when power it applied to said system for addressing said sockets and causing condition interrogating signals to be applied to said sockets; vacant condition, indicating means coupled to vacant ones of said sockets and said bus responsive to application of said interrogating signals to respective sockets for returning pre-determined signals to said at least one of said processing units indicating vacant conditions at respective sockets; card ID returning means coupled to occupied ones of said sockets and bus responsive to application of said interrogating signals to respective sockets for returning card identity signals from cards attached to respective sockets; comparing means in

said at least one processing unit for comparing: the card identity signals returned from said cards with card identity information stored relative to the respective sockets in said non-volatile memory means to issue output indicating matches or mis-matches between the compared card identity signals and card identity information; and operational means* coupled to said comparing means for performing operations depending on said outputs of said comparing means, said operational means comprising transfer means responsive to at least in part to said outputs indicating matches for causing said system to transfer bus access control information from the location in said non-volatile memory means associated with the respective interrogated sockets to that socket register means on the card attached to that socket.



(Complete Specification 20 Pages Drawing 7 Sheets).

Ind. Cl. : 206E

178181

Int. Cl. : G06K 21/00.

AN ADAPTER CARD.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF ARMONK, NEW YORK 10504, UNITED STATES OF AMERICA.

Inventor : CHESTER ASBURY HEATH, JOHN KENNEDY LANGGOOD AND RONALD EUGENE VALLI.

Application for Patent No. 1194/Del/90 filed on 29th November, 1990.

Divisional out of Patent Application No. 49/D/88 dt. 20th Jan. 1988.

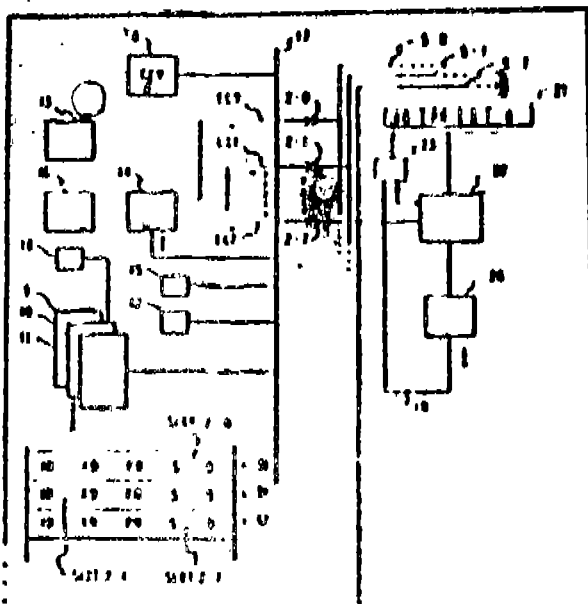
Conventional data : U.K. Patent Application No. 8725111 dated 27th October 1987.

Appropriate office opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-11005.

(Claims 6)

An adapter card pluggable into any one of a plurality of input/output slots used for coupling the card to a computer system comprising parameter storage means for storing parameter information signals including an address factor, priority value and state information used to control communications between the card and said computer system,

said parameter information signals being developed by said computer system depending on availability of other cards, and address decoder means coupled to said parameter storage means and said computer system, for detecting a default or alternate I/O address associated uniquely with a card type independent of the card slot location.



(Complete Specification 18 Pages

Drawing 7 Sheets).

Ind. Cl. : 32 : 32 E,

178182

Int. Cl.⁴ : C08F. 10/02

"PROCESS FOR THE GAS PHASE (CO-) POLYMERIZATION OF ETHYLENE".

Applicant : BP CHEMICALS LIMITED, OF 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, ENGLAND.

Inventor : JOHN GABRIEL SPEAKMAN, FRANCE.

Kind of Application : Complete

Application for Patent No. : 1252/DEL/90. Filed on 12-12-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

Process for the polymerization of ethylene or copolymerization of ethylene with at least one alpha-olefin containing from 3 to 12 carbon atoms optionally in the presence of hydrogen carried out in gaseous phase in a reactor containing a fluidized and/or mechanically stirred bed, with the aid of a catalyst comprising a chromium oxide and a titanium compound, which have been associated with a granular support based on refractory oxide and are activated by a heat treatment, said catalyst having weight contents of chromium and of titanium ranging from 0.05 to 10% and from 0.5 to 20% respectively, wherein catalyst is introduced and used in the reactor in the form of a dry powder consisting of particles free from prepolymer and in that the polymerization or copolymerization is carried out under conventional polymerization conditions in the presence of an organometallic compound chosen from organoaluminium compounds corresponding to the general formula AIR X_{3-n} , in which R is an alkyl radical containing from 1 to 10 carbon atoms. X is a hydrogen atom or an alkoxy radical, and n is an integral or fractional number ranging from 1 to 3.

Ref : GB Patent—790195 804641 810948.

U.S.P. 2136303 3023203 3300457

(Complete specification 21 pages Drawing Sheets NIL)

Ind. Cl. : 40

F

178183

Int. Cl.⁴ : B 01 D 13/04

A PROCESS FOR THE PREPARATION OF A DRY CELLULOSE ESTERS BLEND MEMBRANE USEFUL FOR REVERSE OSMOSIS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors : SHARDA VITHALDAS JOSHI, INDIA ; KISHOR JANARDAN BHOSALE, INDIA ; VIRENDRA KUMAR JAYANTILAL SHAH, INDIA ; AYYANASO-MAYAJULA VISWESWRA RAO, INDIA.

Kind of Application : Complete—Provisional

Complete left after Provisional Specification on 301-92

Application for Patent No. 1265/DEL/90 filed on 18-12-90

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005

7 claims

A process for the preparation of dry cellulose ester blend membrane useful for reverse osmosis, which comprises dissolving 3—10 gms of cellulose triacetate in a solvent consisting 55—70 ml dioxane and 25 to 40 ml acetone adding 10—25 gms of cellulose acetate to the said solution followed by adding 5—9 ml methanol and 3—6 gms maleic acid to obtain a solution of 40,000 to 90,000 cps viscosity, filtering the solution to remove suspended impurities, casting the membrane using the said solution on a smooth polymeric sheet, drying the membrane at room temperature for a period of 10—60 seen, getting the membrane in a water bath kept at a temperature in the range of 1—4°C for a period of 2—60 minutes, followed by annealing in a waterbath containing plasticizer such as carboxylic acids pycols, lipids, esters ketones in an amount of 5—50 wt.% at a temperature in the range of 65—90°C for 2 to 15 minutes.

Ref. US Patent No. 3133132, 3170867, 3592672, 3428584 are referred in the specification.

Agent :

(Provisional specification 3 pages Drawing Sheets Nil)

(Complete specification 21 pages Drawing Sheets NIL)

Ind. Cl. : 70

C₃

178184

Int. Cl.⁴ : C 25 B 11/04.

AN IMPROVED PROCESS FOR THE PREPARATION OF COBALTOUS-COBALTIC OXIDE ANODE DOPED WITH PLATINUM GROUP METAL OXIDE USEFUL IN ELECTROCHEMICAL PROCESS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors : SAKURAI KRISHNAMACHARI RANGARAJAN INDIA; SARANGAPANI KRISHNAMURTHY, INDIA : PERUMAL SUBBIAH INDIA : KRISHNASAMY ASOKAN INDIA; KANDASAMY SUBRAMANIAN, INDIA; VAITHILLINGAM ARUMUGAM INDIA.

Kind of Application : Provisional—complete

Complete specification left after provisional specification on 22-11-91.

Application for Patent No. 1266/DEL/90 filed on 18-12-90.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 claims

An improved process for the preparation of cobaltous-cobaltic oxide anode doped with a platinum group oxide useful in electrochemical processes which comprises coating the

surface of a corrosion resistant valve metal with a solution of platinum group metal oxide, chlorides or their compounds, cobalt chlorides or their nitrates or oxides an organic solvent by known methods, wherein the ratio of platinum group metal oxide to cobalt oxide ranges from 1 : 99 to 10 : 90 and heating the coated substrate at a temperature in the range of 350—650°C in an oxidising atmosphere.

Ref. NIL

Agent :

(Complete Specification 16 pages Drawing sheets NIL)
(Provisional specification 10 pages Drawing sheets NIL)

Ind. Cl. : 84 A 178185

Int. Cl.⁴ : B 29 C 47/82

A PROCESS FOR THE PREPARATION OF SORBENT EXTRUDES USEFUL FOR HIGH TEMPERATURE DESULPHURISATION OF COAL BURNING GASES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI.

Inventors : JADAVANANDA BORGOHAIN, INDIA ;
BIMALA PRASAD BARUAH, INDIA ; NARENDRA
NATH DUTTA, INDIA ; LAKHIMI BORAH,, INDIA ;
BIMANRANJAN MAZUMDER, INDIA.

Kind of Application : Complete.

Application for Patent No. 1274/DEL/90 filed on 18-12-90

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 claims

A process for the preparation of sorbent extrudes useful for high temperature desulphurisation of coal burning gases, which comprises mixing Zinc Oxide and plastic clay in equimolar ratio 1 : 1 by weight, adding water and mixing to make a paste, pelletising the paste into cylindrical extrudes preferably having length to diameter ratio of 2.35, drying the extruded cylindrical pellets at a temperature in the range of 100+ 10°C sintering/calcining the said extrudes at a temperature of 815°C for a period of 8 hours in an atmosphere of nitrogen.

Ref. NIL

Agent :

(Complete Specification 10 pages Drawing sheets NIL)

Ind. Cl. : 40 B. 17896

Int. Cl.⁴ : B 01 J, 21/10.

PROCESS FOR PREPARING A ZIEGLER-NATTA TYPE CATALYST.

Applicant : BP CHEMICALS LIMITED, 76 BUCKINGHAM PALACE ROAD, LONDON, SW1W 0SU, ENGLAND.

Inventor : JEAN CLAUDE ANDRE BAILLE, FRANCE;
PATRICK BEHUE, FRANCE.

Kind of Application : Complete.

Application for Patent No. 1293/DEL/90 Filed on 19-12-90.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

10 claims

A process for the preparation of catalyst of the ziegler-Natta type based on a vanadium compound with which is precipitated by reduction of vanadium onto a support of magnesium chloride, said process comprising :

1. bringing into contact within a liquid hydrocarbon a support comprising

a. from 80 to 99.5 mol% of magnesium dichloride which is substantially free from any product containing an Mg-C bond and

b. from 0.5 to 20 mol% of an electron donor compound (D1) free from labile hydrogen, such as hereinbefore described said support being in the form of spheroidal particles which, have a mass average diameter, Dm, from 10 to 100 microns and particle size distribution such that the ratio of Dm to the number average diameter, Dn, of the particles is not higher than 3, successively with at least one electron donor compound (D2) containing labile hydrogen, such as hereinbefore described 2, and them with at least one organometallic compound such as hereinbefore described capable of reducing a vanadium compound ;

3. Washing the solid product from step (2) with a liquid hydrocarbon, and

4. bringing the washed solid product into contact with one or more vanadium compounds with which comprise halogen atoms X and alkoxy radicals OR¹ and which are soluble in the liquid hydrocarbon the halogen atoms X and the alkoxy radicals OR being bonded to the same or different vanadium atoms R¹ and C¹ to C₁₂ alkyl.

Ref : EP-A-0, 099772, FP-A-0, 336545, FP-A-0, 155770.

Agent : REMFRY AND SAGAR

(Complete specification 22 pages Drawing sheets NIL)

Ind. Cl. : 76 B, F 178187

Int. Cl.⁴ : A41F 17/02

"A SEPARABLE FASTENING DEVICE"

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA,

Inventor(s) : (1) CAROL ANN MCLAUGHLIN-USA
(2) RANDAIL JAMES KLEINSMITH-USA.

Application for Patent No. 1317/Del/90 filed on 26th December, 1990.

Appropriate office for opposition proceedings (Rule, 4, Patent Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

2 claims

1. A separable fastening device for releasably fastening a closure flap of a package to the body of the package, said separable fastening device comprising;

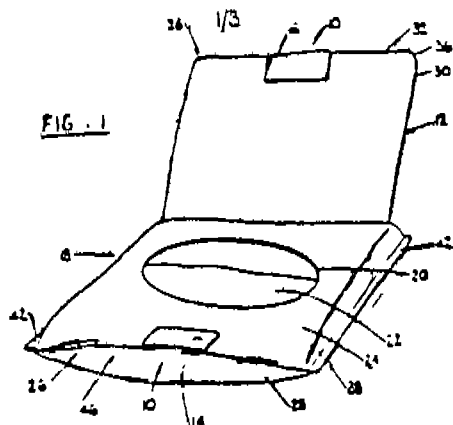
a first fastening element of high static vinyl material attached to the body of the package; and

a second fastening element of high static vinyl material attached to an opposing surface on the closure flap of said package so that said first fastening element and said second fastening element are placed against each other in a face-to-face relationship.

Agent: LALL LAHIRI & SALHOTRA

Foreign Patent references :

U.S. Patent 2,717,437, U.S. Patent 3,009,235



(Complete specification 20 pages

Drawing sheets-3)

Ind. Cl. : 32 C, 32 B

178188

Int. Cl.⁴ : C 07 B 37/04, C 07 15/04, 15/107.

AN IMPROVED PROCESS FOR THE PREPARATION OF LINEAR ALKYL BENZENES USING ZEOLITE CATALYST.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI.

Inventors : ABDUL RAKEEB ABDUL SUBHAN DESHMUKH, INDIA; VIKAS KALYANRAO GUMASTE, INDIA; VASUDEO PANDURAG SHIRALKAR, INDIA.

Kind of Application : Complete

Application for Patent No. 1321/Del/90 filed on 26-12-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005

6 claims

An improved process for the preparation of linear alkyl benzenes using zeolite catalyst wherein the linear alkyl group is a long linear aliphatic chain having total number of carbon atoms exceeding 5—24, which comprises heating a mixture of benzene and corresponding long chain aliphatic alcohol at a temperature in the range of 80 to 150°C and a pressure in the range of 1—30 bars with a catalyst consisting of large pore zeolite, containing therein a mixture crystalline aluminosilicate, rare earth metal oxide and a known binder, recovering the linear alkyl benzene formed by removing the unreacted benzene formed by removing the unreacted benzene by conventional methods and recycling the recovered benzene,

US Patent No. 4,731,497; USSR Patent No. 4181020; JP Patent No. 60,108,495 and Copending Application No. 1024/DEL, 90 are referred in the specification.

Agent :

(Complete Specification 10 pages Drawing sheets NIL)

Ind. Cl. 154 D

178189

Int. Cl.⁴: B 41 F 1/22

PRINthead FOR CONTINUOUS INK JET HUNTER.

Applicant : DOMINO PRINTING SCIENCES PIC, OF BAR HILL, CAMBRIDGE CB3 8TU, ENGLAND.

Inventors : AMMAR LECHEHEB, ENGLAND ; RICHARD FRANK MITCHELL, ENGLAND.

Kind of Application : Convention,

Convention date : GB/9001654.4/24-1-90.

Application for Patent No. 1338/Del/90 filed on 27-12-90.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 Claims

A printhead (1) for a continuous ink jet printer, comprising a single pair of nozzles (3, 3') ; one or more oscillators located with respect to said nozzles (3, 30 for vibrating the ink to provide twin streams of droplets (4, 4') from said nozzles (3, 3') in use ; a pair of charging gate, (5) through which said streams pass and for applying selectively and respectively; a charge to droplets (3, 3') in the two streams ; a pair of deflector (7, 8, 9, 9') means located downstream of said charging gates (5) and for applying respectively electric fields across the streams (4, 4') to deflect the droplets (4, 4') individually in accordance with the charge thereon; and a gutter (10) or pair of gutters (11, 110 provided in the path or paths of droplets not to be printed and into which said droplets (4, 4') from the respective streams pass ; said deflector (7, 8, 9, 9') means being disposed to apply said respective electric fields across said two streams of droplets (4, 4') to deflect said streams in opposite directions away from each other to be printed. Ref. : Nil

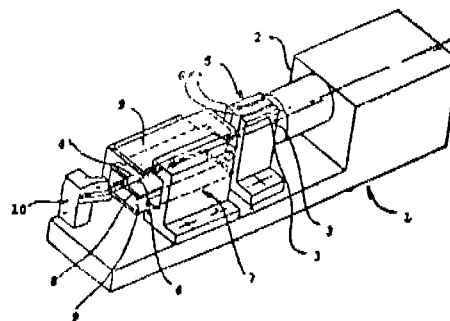


FIG. 1

Compl. Specn. 9 pages

Drwg. 2 sheets

Ind. Cl. : 129 A

178190

Int. Cl.⁴: B 21 D 11/02

A STRETCH-FORMING MACHINE.

Applicant : ACB, A FRENCH COMPANY, OF 30, AVENUE KLEBER, 75116 PARIS, FRANCE.

Inventor : JEAN-PAUL HUET, FRANCE.

Kind of application : Complete,

Application for Patent No. 0003/Del/91 and filed on 2-1-91.

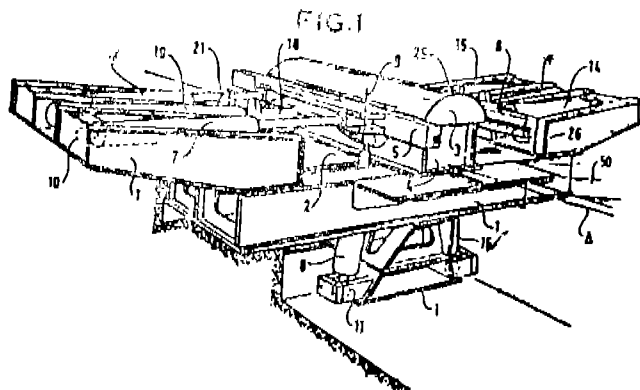
Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

6 Claims

A stretch-forming machine for forming about a forming die, covering pieces for certain parts of aircraft, said machine comprising two jaws situated longitudinally on either side of the die, each jaw being connected to a fixed portion via drive means enabling each end of the jaw to move substantially in a plane perpendicular to the jaw in its rest position and to move in any direction within said plane, wherein said die is fixed on a base connected to a table of a fixed frame, the table being situated at ground level, and wherein the machine

includes verticle guide means cooperating with the middles of the jaws, said jaws being connected to said drive means as being incapable of rotation relative to said means about a longitudinal axis.

Ref. : French Patent—1087985.



Compl. Specn. 9 pages Drwg. 7 sheets

Ind. Cl. : 206 G, I; 178191

Int. Cl.¹ : H 04 B 14/02,

POWER SUPPLY DEVICE TO A FILAMENT OF A TRANSMITTER TUBE.

Applicant : HOLLANDSE SIGNAALAPPARATEN B.V. ZUIDELIJKE HAVENWEG 40, 7550-GD HENGLO. THE NETHERLANDS.

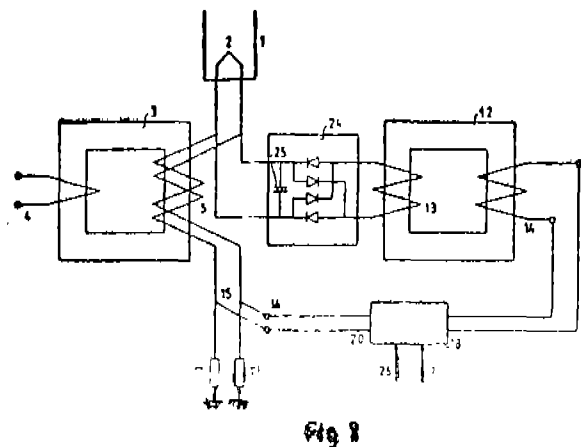
Inventor ; JACOBUS VAN DER MARK.

Application No. 684/Cal/91 ; filed on 10th September, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Power supply device, particularly suitable for supplying power to a filament (2) of a transmitter tube (1) provided with a filament transformer (12), a pulse transformer (3) and terminals for an AC generator, where a secondary side (13) of the filament transformer (12) is coupled with the filament, a primary side (14) of the filament transformer (12) is coupled with the terminals and where a secondary side of the pulse transformer (3) is coupled with the filament (2), characterised in that, the secondary side (13) of the pulse transformer (12) is coupled with the filament via a bifilar winding (5), the power supply device being further provided with a decoupling network. (17) through which the bifilar winding (5) is earthed.



Compl. Specn. 10 pages

Drgs. 3 sheets

Ind. Cl. : 127 D, E, G.

178192

Int. Cl.⁴ : B 65 H 7/00

PAPER SHEET FEEDING APPARATUS.

Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416 MAETAN-DONG, KWONSUN-GU, SUWON-CITY, KYOUNGGI-DO, REPUBLIC OF KOREA, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF REPUBLIC OF KOREA.

Inventor : HYOUNG-CHAE KIM.

Application No. 161/CAL/92; filed on 10-03-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Automatic paper sheet feed apparatus comprising :

a driving shaft;

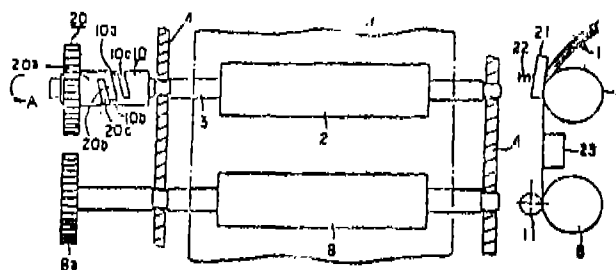
paper sheet feed roller means for receiving a paper sheet and mounted for rotation with said driving shaft;

transfer roller means for receiving a paper sheet from said paper sheet feed roller means and positioned apart from and in parallel with said paper sheet feed roller means;

paper sheet feed gear means mounted for rotation about said driving shaft, wherein said paper sheet feed gear means has a cylindrical part positioned toward said driving shaft, and said cylindrical part having a first elastic piece formed at an end thereof, said first elastic piece being movable axially of said driving shaft;

a bushing mounted on said driving shaft between said paper sheet gear means and said paper sheet feed roller means and having a detent means positioned at an end thereof and a second elastic piece adjacent to said detent means, said second elastic piece being arranged to bear against said first elastic piece;

wherein said first elastic piece slides against said second elastic piece until said first elastic piece pushes said detent means to rotate said driving shaft and paper sheet feed roller means, thereby to transmit a paper sheet from said paper sheet feed roller means to said transfer roller means.



(Compl, Specn. 14 pgs. Drgs. 4 sheets)

Ind. Cl. 88B, 173B.

178193

Int. Cl.⁴ : B05B 1/00, F23J 3/00.

SPRAY LEVEL FOR FLUE GAS DESULFURIZATION SYSTEM.

Applicant : THE BABCOCK & WILCOX COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE. U. S. A. OF 1010 COMMON STREET, P. O. BOX 60035, NEW ORLEANS, LA 70160, U.S.A.

Inventors: (1)DENNIS WAYNE JOHNSON, (2) FAUL JAMES LIES.

Application No. 350/Cal/1992. filed on 22nd May, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(d) O-ring at the top (34) and bottom (36) of said bobbin assembly respectively adjacent the bottom of said case and the inside Of said cover; and

(e) an annular plastic coating (140, 142) outside said case and cover covering the joint between the case and cover, and an annular coating outside said bobbin assembly within said case extending axially upto said O-ring.

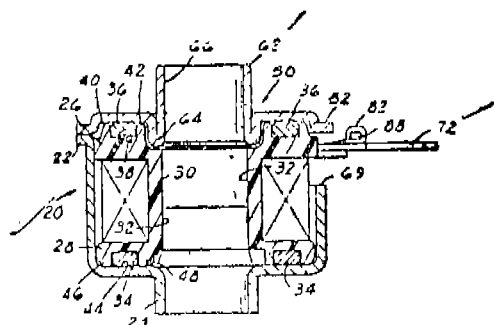


FIG. 1

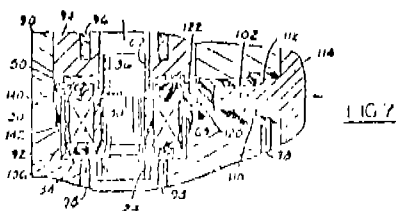


FIG. 7

(Compl. Specn, 11 Pgs. Drgs. 2 sheets)

Ind. Cl. : 32D.

178197-

Int. Cl.⁴ : C07F 9/00.

PROCESS FOR THE PREPARATION OF VANADIUM BISARENES FROM VANADIUM OXYCHLORIDE.

Applicant : E C P ENICHEM POLIMERI S.R.L., A COMPANY ORGANIZED UNDER THE LAW OF THE ITALIAN REPUBLIC OF PIEZZA DELLA REPUBBLICA, 16, MILAN, ITALY.

Inventors: (1) FAUSTO CLADERAZZO (2) GUIDO PAMPALONI, (3) FRANCESCO MASI, (4) ANGELO MOALLI, (5) MARIA CRISTINA CASSANI, (6) RENZO INVERNIZZI.

Application No. 486/Cal/1992, filed on 8th July, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Process for the preparation of Vansdiura bis-arenes from Vanadium oxychloride, aluminium metal, aluminium trichloride and an arene, characterized in that the said process comprises the steps :

- Contacting vanadium oxychlorido (VOCl_3), active, aluminium metal such as herein described, and aluminium trichloride with each other, in a liquid arene, to transform the vanadium oxychloride into the complex compound

$[\text{V}(\text{arene by hand})_2] + [\text{AlCl}_3]$ - as the reaction product;

- adding a liquid cyclic or acyclic ether to the reaction product of step (a) to reduce the

$[\text{V}(\text{arene}) 2'] + \text{to } [\text{V}(\text{arene}) 2] + \text{and } [\text{V}(\text{arene by hand}) 2]$

- recovering the vanadium bis-arene from the reaction product of step (b).

(Compl. Specn. 25 pgs. Drgs. 0 pgs.)

Ind. Cl. : 95

K.

178198

Int. Cl.⁴ : B 25 B 13/00.

FLUID-OPERATED WRENCH.

Applicant : JOHN KURT JUNKERS A CITIZEN OF UNITED STATES OF AMERICA OF 7 ARROWHEAD LANE, SADDLE RIVER NEW JERSEY 07540.

Inventor : JUNKERS JOHN K.

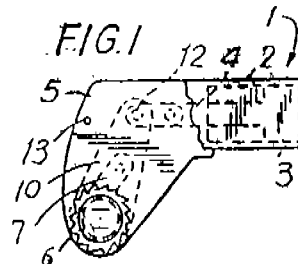
Application No. 545/CAL/91; filed on 15th July 1991.

Complete after Provisional left on : 24-06-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A fluid-operated wrench comprising a housing; fluid-operated drive means; a ratchet turnably mounted in the housing and connected with said drive means so as to be turned by the latter, said ratchet being formed as a one-way ratchet so that when going from loosening of a threaded connector to tightening of threaded connector and vice versa, said housing together with said ratchet is to be turned over; first engaging means connected with said ratchet so as to loosen a threaded connector on one side of said housing and to tighten a threaded connector on the other side of said housing, said first engaging means being engageable with a threaded connector to be loosened or tightened; two second engaging means, located at opposite sides of said housing; and reaction means extendable so as to transfer a reaction force to a stationary object during the tightening and loosening so that said housing becomes stationary while said first engaging means turn, said reaction means being engageable with one of said second engaging means at one side of said housing during the loosening and with the other of said second engaging means on the other side of said housing during the tightening of the threaded connector.



(Prov. specn. 9 pages; Drgs. 2 sheets)

(Comp. specn, 15 pages; drgs. 2 sheets)

Ind. Cl. : 155C.

178199

Int. Cl.⁴ : C 09 K 11/06. 11/08.

A FILMING LIQUID COMPOSITION FOR COLOR BRAUN TUBES.

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD. A KOREAN COMPANY OF 575 SIN-RI, TAEAN-EUB, HWASUNO-KUN, KYUNGGI-DO REPUBLIC OF KOREA.

Inventors : (1) MINHO KIM, (2) IKCHULL IHM.

Application No. 557/CAL/1992; filed on 04 Aug 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

02 Claims

A filming liquid composition for color braun tubes, comprising :

- 20—36 weight percent of an acrylic emulsion,
- 0.2-0.4 weight percent of ammonium oxalate.

(c) 0.5-8 weight percent of ethyl silicate,

(d) 0.01-8 weight percent of a white material having an average particle diameter of about 0.5 μ m selected from the group consisting of titanium oxide, aluminium oxide and a mixture thereof, and

(e) a remaining amount to 100 weight percent of deionized water.

(Com. 15 Pages Drawing 01 sheet)

Ind. Cl. : 205K.

178200

Int. Cl.⁴ : B60C 11/03.

A TIRE.

Applicants : GENERAL TIRE, INC., OF ONE GENERAL STREET, AKRON, OHIO 44329-0001, U.S.A.

Inventor : THOMAS A. WILLIAMS.

Application for Patent No. 563/CAL/92 filed on 7-8-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

A tire Having a tread with a plurality of base pitches placed around the circumference of the tire said plural base pitches having at least three different pitch lengths arranged in a preselected pitch sequence, said base pitches being arranged in said pitch sequence such that the transitions between the base pitches with the smallest of at least said three different pitch lengths and the base pitches with the largest of at least said three different pitch lengths are between about 15% and 30% of the total number of transitions between base pitches with the smallest and the largest pitch lengths each comprise at least 35% of the total number of base pitches around the circumference of the tire.

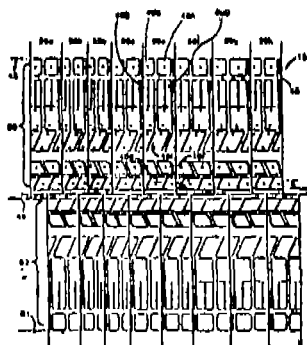


Fig 2

Comp. Specn. 16 pages, Drgs. 4 sheets.

AMENDMENTS PROCEEDINGS UNDER SECTION—57

Notice is hereby given that USX ENGINEERING & CONSULTANTS, INC. has have made an application on Form-29 under Section 51 of The Patents Act, 1970 for amendment of Specification of their application for Patent No. 799/Del/86 (165519) for A Stationary Plate structure for use in a sliding gate valve assembly'. The amendments are by way of change of name from USS Engineers & Consultants, Inc. to USX ENGINEERS & CONSULTANTS, INC. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice,

Notice is hereby given that GURIT-ESSEX AG. has/have made an application on Form-29 under Section 57 of The Patents Act, 1970 for amendment of specification of their process for the production of a heat-resistant polymeric resin." The amendments are by way of correction in pages 4, 5, 23, 24 & 25 of the Complete Specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that Kevin Ross Inkster has/have made an application of Form-29 under Section 57 of The Patent Act, 1970 for amendment of specification, of their application for Patent No. (444/172736/DEL/88) for "A cutter to be mounted on a spindle of a rotary hand tool." The amendments are by way of correction of the first applicant address from forest road Mannup, 6275, Western Australia, Australia to 107 Darlington Road, Darlington, 6070, Western Australia, Australia. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi 5 of copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110065. If the Written Statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Name Index of Application for Patents in respect of Patent Office Calcutta & its branches for the months of January, 1995 to June 1995. (Nos. 01/Cal/95 to 745/Cal/95, 01/Bom/95 to 290/Bom/95, 01/Mas/95 to 805/Mas/95 and 01/Del/95 to 1224/Del/95).

Name and Application No.

CALCUTTA.

(01/Cal/95 to 745/Cal/95).

A

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— M —

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—T—

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 Tanni Electronics—46/Cal/95,
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—U—

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—V—

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 Vincent, A. R.—108/Cal/95.

—W—

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 Wang, C—704/Cal/95.
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—A—

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—C—

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P

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E

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C

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—C—

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—E—

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—I—

—I—

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 Betonwork Rethwisch GmbH.—180/Del/95.
 Bharat Heavy Electricals Limited—196/Del/95, 271/Del/
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 Bio-Technology General Corp.—30/Del/95 & 525/Del/95.
 Blanche, P.—1112/Del/95.
 Boehringer Ingelherin International GmbH.—353/Del/95 &
 457/Del/95.
 Bolen, R.J., Jr.—257/Del/95.

B

Bosaro Biotech Inc.—179/Del/95.
 Bowhringer Ingelheim. International GmbH.—826/Del/95.
 Brain Power Consulting GmbH.—1035/Del/95.
 Braun AG.—296/Del/95.
 Britax Wingard Limited—489/Del/95.
 British Technology Group Limited—709/Del/95 & 710/
 Del/95. British United Shoe Machinery Limited—554/
 Del/95.
 Buchler Ag.—255/Del/95 & 321/Del/95.

C

CMS Oilbreth Packaging Systems. Inc—1161/Del/95
 CRS Holdings. Inc.—939/Del/95.
 Canon-Muskegon Corporation—593/Del/95.
 Carolina Power & light Company—877/Del/95.
 Carrier Corporation—976/Del/95.
 Casa Bernardo Ltd.—529/Del/95.
 Castman Chemical Company—575/Del/95.
 Cavalheiro, M. T.—711/Del/95.
 Celia-664/Del/95.
 Central Electronics Limited—1126/Del/95 & 1127/Del/95.
 Centre Stephansois De Rccherches Mecaniques Hydrome-
 canique Et Erottement—114/Del/95.
 Chawla, S. K.—568/Del/95.
 Chemical Research & Licensing Company—726/Del/95.
 Chemische Fabrik Stockhansen GmbH.—639/Del/95.
 Chen, L.—146/Del/95.
 Chen, R.—19/Del/95.
 Chen, S. C—449/Del/95.
 Chief Controller, Research & Development Organisation.
 Ministry of Defence—537/Del/95, 671/Del/95, 673/
 Del/95, 701/Del/95 & 720/Del/95.
 Chief Cony oiler Research & Development, The—55/Del/95,
 56/Del/95, 67/Del/95, 100/Del/95, 101/Del/95, 131/
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 95, 185/Del/95, 187/Del/95, 188/Del/95, 189/Del/95,
 195/Del/95, 197/Del/95, 198/Del/95, 199/Del/95, 236/
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 95, 314/Del/95 & 315/Del/95.
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 Colgate-Palmolive Company—757/Del/95.
 Compagnie Generale Des Establishments Michelinmichelin &
 Cic—421/Del/95.
 Control Techniques Plc—368/Del/95.
 Cook, B.G.—1118/Del/95.
 Corning Incorporated—218/Del/95, 338/Del/95, 404/Del/
 95 & 917/Del/95.
 Council of Scientific and Industrial Research—74/Del/95,
 75/Del/95, 76/Del/95, 17-1/Del/95, 175/Del/95, 176/
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 95, 291/Del/95 292/Del/95, 425/Del/95, 426/Del/95, 427/
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551/Del/95, 598/Del/95, 599/Del/95, 600/Del/95, 601/Del/95, 602/Del/95, 603/Del/95, 604/Del/95, 605/Del/95, 606/Del/95, 607/Del/95, 616/Del/95, 675/Del/95, 892/Del/95, 893/Del/95, 894/Del/95, 955/Del/95, 956/Del/95, 957/Del/95, 958/Del/95, 959/Del/95, 960/Del/95, 961/Del/95, 962/Del/95, 963/Del/95, 964/Del/95, 1092/Del/95, 1093/Del/95, 1094/Del/95.

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Courtaulds Plc—28/Del/95.

Crown-Cork Ag.—194/Del/95 & 1029/Del/95.

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DCM Datasystem Limited—183/Del/95/

DGPTT of Bio Technology—1203/Del/95, 1204/Del/95 & 1205/Del/95.

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Daikin Industries Ltd.—1084/Del/95.

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Datta, D.—112/Del/95.

Davy McKEE (Poole) Limited—320/Del/95.

Davy Mckee (Stockton) Limited—476/Del/95 & 477/Del/95.

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De La Rue Gicri S. A.—165/Del/95, 744/Del/95 & 746/Del/95.

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Devi, P. S.—354/Del/95.

Dlamant Boart S.A.—403/Del/95.

Director, Forest Research "Delwa Dun"—1013/Del/95 & 1015/Del/95.

Director General, Indian Council of Medical Research—1049/Del/95.

Director, The I.I.T.—814/Del/95.

Discovision Associates—813/Del/95, 940/Del/95, 941/Del/95 & 1055/Del/95.

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Door-Oliver Incorporated—304/Del/95.

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Dr. Karl Thamae GMBH.—352/Del/95.

Drummond, A. R.—1012/Del/95.

Drummond, D. C.—1012/Del/95.

F

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Eastern Medkit Limited—1028/Del/95.

Fastman Chemical Company—577/Del/95 & 1063/Del/95.

E. Khasoggi Industries—173/Del/95.

Fmhart Glasa Machinery Investments Inc.—245/Del/95, 246/Del/95, 373/Del/95, 374/Del/95, 375/Del/95 & 470/Del/95.

Energy Research Corporation—685/Del/95.

Enron Solar Energy Inc.—541/Del/95.

Ericsson Ge Mobile Communications Inc.—72/Del/95 & 322/Del/95.

Ergo Science Incorporated—1146/Del/95 & 1170/Del/95,

Esguerra, A.—619/Del/95.

Esguerra, G.—619/Del/95.

Fxxon Chemical Patents, Inc.—273/Del/93, 520/Del/95, 521/Del/95, 522/Del/95, 523/Del/95, 573/Del/95, 858/Del/95, 861/Del/95, 934/Del/95, 937/Del/95, 988/Del/95, 1009/Del/95, 1010/Del/95, 1042/Del/95 & 1054/Del/95.

FMC Europe S.A.—1177/Del/95.

Fed Corporation—642/Del/95.

Filtration Japan Co. Ltd.—122/Del/95.

Firemenich S.A.—191/Del/95.

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Fly's Metals Ins.—472/Del/95.

Focas Limited—275/Del/95.

Fusion Lighting, Inc.—511/Del/95

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G. B. Boucherie N.V —174/Del/95, 475/Del/95, 479/Del/95 & 725/Del/95.

OEC Alsthom Stein Industrie—532/Del/95, 1050/Del/95, 1052/Del/95 & 1173/Del/95.

GEC Alsthom T & D SA.—71/Del/45, 612/Del/95, 629/Del/95 & 774/Del/95.

G. H. Mumm Et Cie—53/Del/95.

GMS Investments, INF—15/Del/95.

Gadani, B. R.—5/Del/95.

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Garg, L., (Dr.)—1184/Del/95.

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General Electric Environmental Services Inc.—743/Del/95 & 745/Del/95.

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Ghosh, S.—1085/Del/95.

Gill, A. S.—875/Del/95

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Gill, G.—596/Del/95.

Gist-Brocades B.V—712/Del/95, 921/Del/95 & 1073/Del/95.

Glaverbel S. A.—684/Del/95, 713/Del/95 & 839/Del/95.

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Gunnerman, R. W.—563/Del/95.

Gupta, J.—674/Del/95.

Gupta, S.—558/Del/95.

Gupta, U.—407/Del/95. & 408/Del/95.

—H—

H. C. Industries, Inv.--33/Del/95 & 380/Del/95.
 HWA Lin Electronics Co. Ltd.--488/Del/95, 614/Del/95 & 1150/Del/95.
 Hameed, H. A.—331/Del/95, 450/Del/95 & 610/Del/95.
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 Hansen, A. M.—998/Del/95.
 Hara, K.—122/Del/95.
 Hawk Industries, Inc.—8/Del/95.
 Heberlin Maschinenfabrik AG.—775/Del/95.
 Helen Curtis, Inc.—182/Del/95, 259/Del/95, 260/Del/95 & 261/Del/95.
 Hemagen/PFC—1139 /Del/95.
 Hepworth Building Products—379/Del/95.
 Hercules Incorporated—702/Del/95 & 818/Del/95.
 Hill, R. O.—810/Del/95.
 Hindustan Gun & Chemicals Limited—6/Del/95.
 Honda Giken Kogyo Kabushiki Kaisha—377/Del/95, 378/Del/95, 381/Del/95, 382/Del/95, 667/Del/95, 816/Del/95, 948/Del/95 & 1074/Del/95.
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 Houser, M. P.—618/Del/95.
 Howa Machinery Ltd.—1006/Del/95.
 Hughs Training, Inc.—16/Del/95.
 Humantcknik AB.—567/Del/95.
 Hunter Fan Company—1062/Del/95.
 Hwu, C., Mr.—1027/Del/95
 Hydra-light Limited—533 /Del/ 95.
 Hydron Limited—324/Del/95.
 Hyunlaboratory Co. Ltd.—151/Del/95.

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ICI Canada. Inc.—136/Del/95 & 895/Del/95.
 IGTT A. S— 640/Del/95 & 641/Del/95.
 IMI Norgren Limited—927/Del/95.
 Ide, R. D.—638/Del/95.
 Imperial Chemical Industries Plc— 1/Del/95, 349/Del/95, 452/Del/95, 572/Del/95, 624/Del/95 & 809/Del/95.
 Indian Council of Agricultural Research, The—342/Del/95.
 Indian Drugs & Pharmaceuticals Ltd.—459/Del/95, 460/Del/95, 461/Del/95, 462/Del/95 & 536/Del/95.
 Indian Farmers Fertiliser Cooperative Ltd.—186/Del/95.
 Indian Institute of Technology-254/Del/95, 310/Del/95, 483/Del/95, 535/Del/95 & 538/Del/95.
 Indresco Inc.—1221/ Del/95.
 Ing. A. Maurer SA.—293/Del/95.
 Ingersoll-Dresser Pump Co—29/Del/95.
 Ingersoll-Rand Co.—643/Del/95 & 764/Del/95.
 Innotech, Inc.—362/Del/95 & 494/Del/95.
 Innovative Design Co. Pvt. Ltd.—843 /Del/95.
 Institute of Gas Technology—92/Del/95.
 Institut National De LA Sonté Et De La Recherche Medicals —416/Del/95.
 Intel Corporation—106/Del/95, 749/Del/95, 750/Del/95, 915/Del/95 & 935/Del/95.
 Intel Gaskards Pvt. Ltd.—214/Del/95.
 Interbold—208/Del/95, 209/Del/95, 210/Del/95 & 1072/Del/95.

I

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 Jervis B Webb International Company—543/Del/95 & 970/Del/95.
 Jindex Pty. Ltd.—951/Del/95.
 Joshi, A. P.—672/Del/95.
 Joshi, K.—672/Del/95.
 Jud Ireland, U.S.A.—1003/Del/95.

—K—

K. E. Khasoggi Industries--903/Del/95.
 KMC. Inc.—638/Del/95.
 K-Tron Technologies, Inc.—344/Del/95 & 519/Del/95.
 Kabushiki Kaisha Miyake—1154/Del/95.
 Kobushiki Kaishn Toshiba—323/Del/95, 788/Del/95, 852/Del/95 & 1089/Del/95.
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 Kanta. S.—887/Del/95.
 Kapor, M. M.—719/Del/95.
 Kapur, P.—89/Del/95.
 Katz, B.—751/Del/95.
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 Kennametal Inc.—81/Del/95, 490/Del/95 514/Del/95 & 515/Del/95.
 Key Tronic Corporation--241/Del/95 & 281/Del/95.
 Khanna, P. (Dr. Miss.)—817/Del/95.
 Kikuchi Kogyo Co.—773/Del/95
 Kinetic Ltd—704 /Del/95 & 706/Del/95.
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 Krupp Polysius Ap.—737/Del/95, 738/Del/95 & 739/Del/95.
 Kumar, A.—700/Del/95 & 1048/Del/95.
 Kumar, K—885/Del/95 & 886/Del/95.
 Kumar, R.—336/Del 95.
 Kumar, S.—1000/Del/95, 1001 Del/95 & 1002/Del/95.
 Kustner Industries S. A.—458/Del/95

—L—

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 Laboratories Aranda—417/Del/95.
 Laboratories Glaxo S. A.—77/Del/95 & 85/Del/95.
 Lake Shore Mining Co., Inc.—235 Del/95.
 Landis & Gyr. Technology Innovation AG.—137/Del/95.
 Lasiman Chemical Co.—576/Del/95.
 Leo, H. S., Mr--1134/Del/95
 Le Monlage Automatique—1060/Del/95
 Lenzing AG—220/Del/95, 264/Del/95, 829/Del/95 & 871/Del/95
 Life Natural Mineral Water Co.—635/Del/95.
 Lohia Starlinger Ltd.—485/Del/95.
 Lomax Technologies, Inc.—166/Del/95.
 Low, H. S.—1026/Del/95.

—L—

Lubrizol Corporation, The—1090/Del/95, 1124/Del/95 & 1163/Del/95.

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—M—

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Mugotteaux International—90/Del/95.

Manchanda, R. C—559/Del/95.

Mann, J. K. (Srat.)—155/Del/95.

Mann, S. S.—1131/Del/95 & 1132/Del/95.
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Marlow Industries, Inc.—63/Del/95.

Mathur. S. N.—280/Del/95.

Mazumder, B.—318/Del/95.

Medtronic. Inc.—1116/Del/95.

Melitta Haushaltsprodukte GmbH & Co.—1147/Del/95.

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Microlite, S. K.—204/Del/95.

Micropyretic Heaters International Inc.—65/Del/95.

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Minerals Technologies, Inc.—878/Del/95.

Monarch Knitting Machines Pvt. Ltd.- 23/Del/95.

Morgan Construction Company—169/ Del/95 & 574/Del/95.

Morgan Crucible Company Pic, The—687 /Del/95 4: 688/ Del/95

Morsk Hydra A. 9.—790/Del/95.

Morton International Inc.—87/Del/95 & 274/Del/95.

Moser, G.—1200/Del/95.

Moser. R.—1200/Del/95.

Motorola. Inc.—50/Del/95, 52 Del/95, 54/Del/95, 78/Del/95, 80/Del/95, 105/Del/95, 111/Del/95, 149/Del/95, 167/Del/95, 213/Del/95, 221/Del/95, 256/Del/95, 263/Del/95, 265/Del/95, 276/Del/95, 303 Del/95, 306/Del/95, 307/Del/95, 326/Del/95, 456/Del/95, 566/Del/95, 611/Del/95, 613/Del/95, 677/Del/95, 680/Del/95, 692/Del/95, 776/Del/95, 797/Del/95, 819/Del/95, 830/Del/95, 831/Del/95, 832/Del/95, 844/Del 95, 845/Del/95, 856/Del/95, 857/Del/95, 873/Del/95, 881/Del/95, 882/Del/95, 896/Del/95, 897/Del/95, 898/Del/95, 916/Del/95, 931/Del/95, 932/Del/95, 933/Del/95, 974/Del/95, 999/Del/95, 1017/Del/95 1022/Del/95, 1023/Del/95, 1025/Del/95, 1046/Del/95, 1080/Del/95, 1083/Del/95, 1109/Del/95, 1111/Del/95 & 1162/Del/95.

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Murali, J.—27/Del/95.

N. V. Bekaert SA.—212/Del/95.

Naam Irrigation Systems—1021/Del/95.

National Power Plc—512/Del/95 & 557/Del/95.

National Research Development Corporation—20/Del/95.

N

Nemoto, M_405/Del /95.

Nijhawan S. (Dr.)—239/Del/95.

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Nippon Thermostat Co. Ltd.—906/Del/95.

Nissel ASB Machine Co. Ltd,—341/Del/95.

Nordson Corporation—808/Del/95.

Norsk Hydro A. S.—1171/Del/95 & 1172/Del/95.

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Novell, Inc.—51,95.

Nvovasirma S.P.A.—1047/Del/95

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Okalahoma Medical Research Foundation-1004/Del/95.

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Otis Elevator Company—513/Del/95 & 1210/Del/95.

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Pall Corporation—1175/Del/95.

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Pfizer Research & Development Company N.V./S.A_157/ Del/95, 200/Del/95, 846/Del/95 & 1008/Del/95.

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Piaggio Veicoli Europei S.P.A.—473/Del/95.

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Plurichemie Anstalt—64/Del/95.

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Poranunt Co. Ltd.—82/Del/95.

Prasad, J. (Dr.)—779/Del/95.

Praxair Technology, Inc.—102/Del/95, 620/Del/95, 676/Del/95, 853/Del/95 & 854/Del/95.

Procter & Gamble Company, The—2/Del/95, 3/Del/95, 4/Del/95, 12/Del/95, 13/Del/95, 14/Del/95, 24/Del/95, 26/Del/95, 42/Del/95, 43/Del/95, 44/Del/95, 45/Del/95, 46/Del/95, 73/Del/95, 83/Del/95, 107/Del/95, 108 Del/95, 116/Del/95, 117/Del/95, 118/Del/95, 119/Del/95, 170/Del/95, 171/Del/95, 205/Del/95, 215/Del/95, 216/Del/95, 230/Del/95, 231/Del/95, 232/Del/95, 233/Del/95, 248/Del/95, 249/Del/95, 250/Del/95, 251/Del/95, 252/Del/95, 269/Del/95, 270/Del/95, 297 Del/95, 299/Del/95, 332/Del/95, 333/Del/95 334/Del/95, 335/Del/95, 345/Del/95, 346/Del/95, 347/Del/95, 348/Del/95, 357/Del/95, 358/Del/95, 384/Del/95 385/Del/95, 386/Del/95, 387/Del/95, 388/Del/95, 409/Del/95 410/Del/95, 411/Del/95, 418/Del/95, 419/Del/95, 443/Del/95, 444/Del/95, 445/Del/95, 446/Del/95, 447/Del/95 448/Del/95, 463/Del/95, 480/Del/95, 481/Del/95, 482/Del/95, 486/Del/95, 528/Del/95, 589/Del/95, 590/Del/95, 591/Del/95, 592/Del/95 595/Del/95, 630/Del/95, 631/Del/95, 637/Del/95, 647/Del/95, 648/Del/95, 649/Del/95, 650/Del/95, 651/Del/95, 652/Del/95, 653/Del/95, 654/Del/95, 655/Del/95, 657/Del/95, 658/Del/95, 659/Del/95, 694/Del/95, 695/Del/95

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Projectavision Inc.—238/Del/95, 298/Del/95, 836/Del/95 & 943/Del/95.

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*Patent shall be deemed to be endorsed with the words
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D—Drug Patents, F—Food Patents

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1-Nos. 171229, 171230 & 171232, Anjana Bhargav, of Designer and Visual Merchandiser, 135, Sundar Nagar, New Delhi 1-10003, an Indian National, "DISPLAY STAND". 30th April 1996.

Class 1. Nos. 171763 to 171765, Hindustan Lever Limited, a company incorporated under the Indian Companies Act 1913 of Hindustan Lever House; 165 & 166 Backbay Reclamation Mumbai 400040, Maharashtra, India, "NOZZLE FOR TUBE FILLING DEVICE", 11th July 1996.

Class 3. Nos 171774 to 171780, Hindustan Lever Limited, a company incorporated under the Indian Companies Act, 1913, of Hindustan Lever House, 165 & 166, Backbay Reclamation Mumbai 400040, Maharashtra India, "NOZZLE FOR TUBE FILLING DEVICE". 11th July 1996.

Class 3 Nos. 171595 to 171597 W, Brooke Bond Lipton India Limited of 9, Shakespeare Sarani Calcutta 17, State of West Bengal, India an Indian company of the above address. "SACHET EOR ICE LOLLY", 24th June 1996.

Class 3. Nos. 172141, 172145, 172146, 172148 to 172150, Today's Writing Products Ltd., an Indian com-

pany of 104/3, Demni Road, Dara 396220, Dadra & Nagar Haveli, Union Territory India, "BAL POINT PEN" 16th September 1996.

Class 3. No. 172045, Fiat Auto S.p.A., of Corso Giovanni, Agnelli 200, I-10135 Torino, Italy, an Italian Joint Stock Company, "WHEEL COVER DISC", 23rd August 1996.

Class 3. No. 172046, Fiat Auto S. p. A., of Corso Giovanni, Agnelli 200-I-10135 Torino, Italy, an Italian Joint Stock Company. "EXTERNAL REAR VIEW MIRROR FOR AUTOMOBILES". 23rd August 1996.

Class 3. No. 172048, Fiat Auto S.p.A., of Corso Giovanni, Agnelli 200-I-10135 Torino, Italy, an Italian Joint Stock Company, "REAR LAMP ASSEMBLY FOR AUTOMOBILES". 23rd August 1996.

Class 4. No. 172047, Fiat Auto S. p. A., of Corso Giovanni, Agnelli 200-I-10135 Torino, Italy, an Italian Joint Stock Company, "HEADLIGHT FOR AUTOMOBILES", 23rd August 1996.

Class 5. No. 171592 to 171594, Brooke Bond Lipton India Limited of 9 Shakespeare Sarani, Calcutta 17, West Bengal, India, an Indian company of the above address. "SACHET FOR ICE LOLLY", 24th June 1996.

Class 8. Nos. 172094 to 172096, Cosmique Limited, A 17, Naraina Phase II, New Delhi 110028, India, an Indian Company incorporated under the Companies Act, 1956, "HAND TUFTED WOOLLEN CARPET", 3rd September 1996

I. K. SUBRAMANIAN
Controller General of Patents, Designs & Trade Marks.

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